

Converting Colors

XYZ(55.3107, 69.1860,
105.0468)

Have a look what the booklet for
XYZ(55.3107, 69.1860, 105.0468)
contains.

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Color

**XYZ(55.3641, 69.2932,
105.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE8FF
RGB	125, 232, 255
RGB Percent	49%, 91%, 100%
CMY	0.5098, 0.0902, 0.0000
CMYK	0.51, 0.09, 0.00, 0.00
HSL	191°, 100%, 75%
HSV	191°, 51%, 100%
XYZ	55.3641, 69.2932, 105.0647
YIQ	202.6290, -71.1550, -15.5310

Conversions

Conversions Part 2

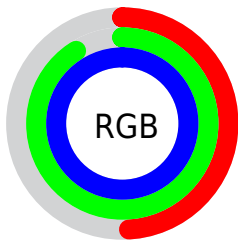
Format	Color
RYB	125, 184, 255
Decimal	8251647
CIELab	86.65, -24.88, -20.65
CIELCh	87, 32.334, 219.698
Yxy	69.2932, 0.2410, 0.3016
Android (android.graphics.Color)	4286441727 (0xFF7DE8FF)
YUV	202.6290, 25.8189, -68.0806
Hunter-Lab	83.2425, -26.9552, -16.5632

Details

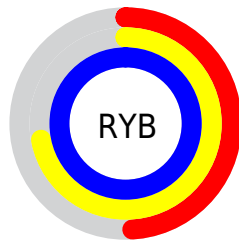
The XYZ color **55.3641, 69.2932, 105.0647** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.5324, 43.9215, 24.9550**, and the grayscale version is **56.4094, 59.3471, 64.6290**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **27.5819, 36.0885, 58.9381** is the 20% darker color. If you saturate the color by 10%, you get **50.8551, 65.1093, 104.4947**, and if you desaturate by 10%, it is **60.8649, 74.0399, 105.6909**.

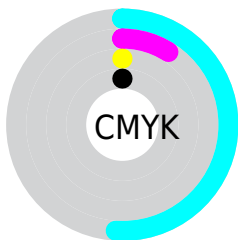
Distribution



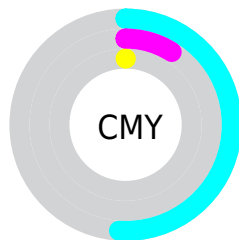
- Red (49%)
- Green (91%)
- Blue (100%)



- Red (49%)
- Yellow (72%)
- Blue (100%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3641, 69.2932, 105.0647 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 55.3641, 69.2932, 105.0647 by changing the saturation by 10% instead.

55.3641, 69.2932,
105.0647

55.3641, 69.2932,
105.0647

397.4046,
458.0644, 597.6962

39.9283, 50.9505,
79.8966

97.2194, 118.2003,
170.2124

27.6666, 36.1692,
59.1076

124.3697,
149.5334, 211.0290

18.2137, 24.5649,
42.2792

156.1554,
185.9656, 257.8989

11.2041, 15.7532,
28.9927

192.9421,
227.8810, 311.2406

6.2726, 9.3497,
18.8298

235.0950,
275.6643, 371.4726

3.0538, 4.9700,
11.3718

282.9795,

1.1823, 2.2297,

329.6996, 439.0135

6.2002

336.9609,
390.3716, 514.2819

■ 0.0923, 0.7361,
2.8964

■ 0.0000, 0.0000,
1.0420

■ 55.3641, 69.2932,
105.0647

■ 55.3641, 69.2932,
105.0647

■ 50.8551, 65.1093,
104.4947

■ 60.8649, 74.0399,
105.6909

■ 47.2573, 61.4416,
103.9764

■ 67.4189, 79.3767,
106.3756

■ 44.4865, 58.2479,
103.5060

■ 75.0888, 85.3379,
107.1220

■ 42.4398, 55.4748,
103.0786

■ 83.9310, 91.9529,
107.9328

■ 41.0693, 53.2587,
102.7231

93.9980, 99.2490,
108.8105

95.0500, 100.0000,
108.9000

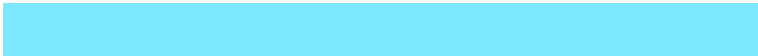
Harmonies

Analogous

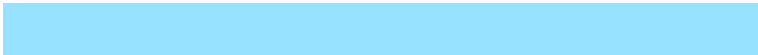
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6287, 69.2932, 82.6311



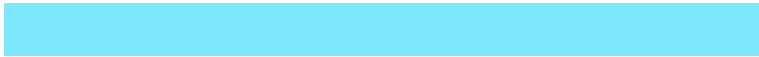
55.3641, 69.2932, 105.0647



60.9770, 69.2932, 121.2579

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.3641, 69.2932, 105.0647



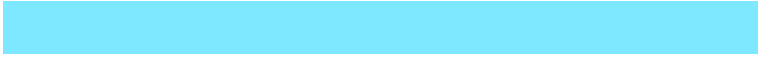
80.3528, 69.2932, 90.7258



63.4586, 69.2932, 41.5864

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



55.3641, 69.2932, 105.0647



55.5324, 43.9215, 24.9550

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9993, 69.2932, 42.9304



55.3641, 69.2932, 105.0647



81.1440, 69.2932, 68.6947

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3641, 69.2932, 105.0647



75.5213, 69.2932, 111.9491



77.6075, 69.2932, 51.9972



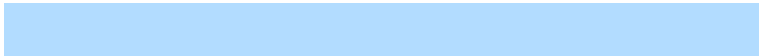
57.0620, 69.2932, 47.8935

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3641, 69.2932, 105.0647



65.7850, 69.2932, 124.8163



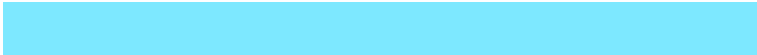
77.6075, 69.2932, 51.9972



65.9373, 69.2932, 41.1908

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



55.3660, 69.2957, 105.0651



80.2302, 89.2119, 107.5988



49.4591, 77.9768, 39.9133



16.7741, 18.7968, 22.9940



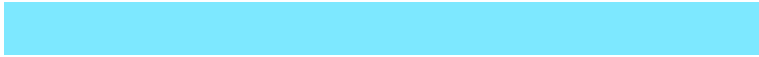
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

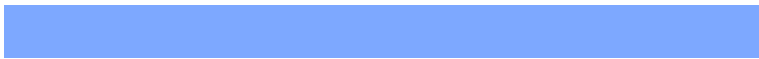
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3660, 69.2957, 105.0651



50.8462, 65.1006, 104.4935



40.5734, 39.7105, 100.1342



18.2654, 19.9025, 23.1288



21.5592, 28.0280, 53.7082



2.1675, 2.8657, 5.2522

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.1404, 41.7553, 81.0783



59.6764, 35.8419, 76.7957



68.4028, 69.6624, 29.2451



18.6466, 18.2420, 22.0223



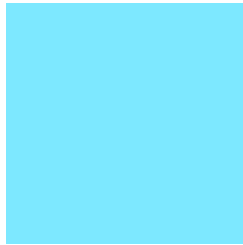
27.6703, 13.5574, 33.2438



2.7287, 1.3338, 3.4185

Previews

White Background



This preview shows how the XYZ color 55.3641, 69.2932, 105.0647 looks on a white background.

Color Contrast Check

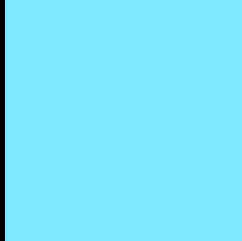
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 55.3641, 69.2932, 105.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

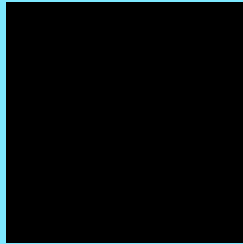
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3641, 69.2932, 105.0647

Background



This preview shows how black text looks on a background with the XYZ color 55.3641, 69.2932, 105.0647.

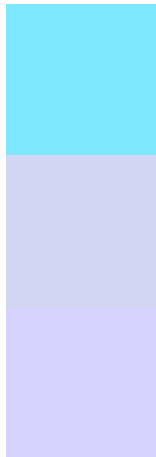


This preview shows how white text looks on a background with the XYZ color 55.3641, 69.2932,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.3641, 69.2932, 105.0647

Protanopia

67.0882, 68.4131, 94.4631

Deuteranopia

69.3686, 68.2556, 104.1263



Tritanopia

54.8637, 69.5279, 101.7954

Trichromacy



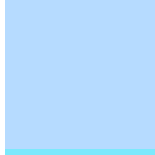
Original Color

55.3641, 69.2932, 105.0647



Protanomaly

61.4673, 68.1316, 97.9067



Deuteranomaly

62.6729, 67.8281, 104.3967



Tritanomaly

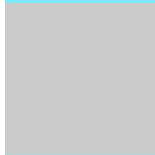
55.0218, 69.5912, 102.6279

Monochromacy



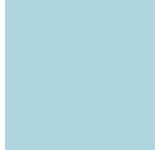
Original Color

55.3641, 69.2932, 105.0647



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9106, 62.4810, 78.2732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3641, 69.2932, 105.0647 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(125, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 232, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(125, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.3641, 69.2932, 105.0647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 232, 255) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(125, 232, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(125, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3641, 69.2932, 105.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 232, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(125,  
232, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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