

Converting Colors

XYZ(56.6520, 75.2539,
101.1621)

Have a look what the booklet for
XYZ(56.6520, 75.2539, 101.1621)
contains.

XYZ(56.6520, 75.2539, 101.1621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6520, 75.2539,
101.1621)**

Conversions

Conversions Part 1

Format	Color
Hex	74F4F9
RGB	116, 244, 249
RGB Percent	45%, 96%, 98%
CMY	0.5451, 0.0431, 0.0235
CMYK	0.53, 0.02, 0.00, 0.02
HSL	182°, 92%, 72%
HSV	182°, 53%, 98%
XYZ	56.6520, 75.2539, 101.1621
YIQ	206.2980, -77.8930, -25.5810

Conversions

Conversions Part 2

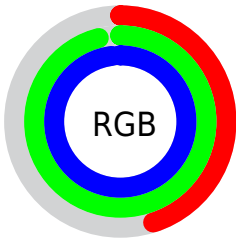
Format	Color
R_{YB}	116, 181, 249
Decimal	7664889
CIE _{Lab}	89.51, -34.01, -13.24
CIE _{LCh}	90, 36.492, 201.273
Yxy	75.2539, 0.2431, 0.3229
Android (android.graphics.Color)	4285854969 (0xFF74F4F9)
YUV	206.2980, 21.0521, -79.1913
Hunter-Lab	86.7490, -35.2402, -8.4166

Details

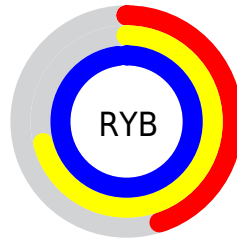
The XYZ color **56.6520, 75.2539, 101.1621** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.0581, 35.0769, 20.7098**, and the grayscale version is **58.7643, 61.8246, 67.3270**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **28.4347, 39.9264, 56.6600** is the 20% darker color. If you saturate the color by 10%, you get **53.4950, 73.2112, 100.9356**, and if you desaturate by 10%, it is **60.7019, 77.7624, 101.4342**.

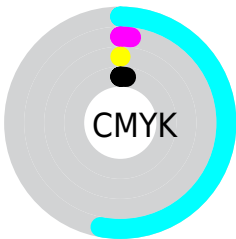
Distribution



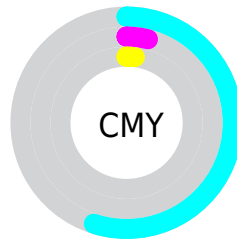
- Red (45%)
- Green (96%)
- Blue (98%)



- Red (45%)
- Yellow (71%)
- Blue (98%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (55%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6520, 75.2539, 101.1621 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 56.6520, 75.2539, 101.1621 by changing the saturation by 10% instead.

56.6520, 75.2539,
101.1621

56.6520, 75.2539,
101.1621

402.1793,
478.7898, 585.1906

40.9650, 55.8209,
76.6491

99.0915, 126.6717,
164.8190

28.4793, 40.0594,
56.4551

126.5747,
159.4253, 204.8001

18.8295, 27.5848,
40.1615

158.7207,
197.3879, 250.7742

11.6504, 18.0129,
27.3497

195.8947,
240.9439, 303.1601

6.5766, 10.9593,
17.6013

238.4623,
290.4777, 362.3760

3.2427, 6.0395,
10.4977

286.7887,

1.2834, 2.8691,

346.3737, 428.8408

5.6202

341.2392,
409.0163, 502.9728

■ 0.1707, 1.0638,
2.5505

■ 0.0000, 0.0000,
0.8668

■ 56.6520, 75.2539,
101.1621

■ 56.6520, 75.2539,
101.1621

■ 53.4950, 73.2112,
100.9356

■ 60.7019, 77.7624,
101.4342

■ 51.1514, 71.5882,
100.7458

■ 65.7023, 80.7614,
101.7495

■ 49.5394, 70.3445,
100.5907

■ 71.7143, 84.2840,
102.1126

■ 48.5568, 69.4274,
100.4655

■ 78.7916, 88.3579,
102.5259

■ 48.1547, 68.9507,
100.3947

■ 86.9843, 93.0090,
102.9918

■ 92.4062, 96.2338,
103.3285

■ 92.6971, 96.8156,
103.4255

■ 92.9894, 97.4003,
103.5229

■ 93.2832, 97.9879,
103.6209

Harmonies

Analogous

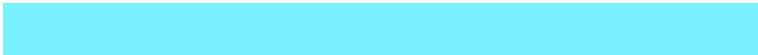
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8225, 75.2539, 74.6823



56.6520, 75.2539, 101.1621



61.2867, 75.2539, 126.7405

Triad

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



56.6520, 75.2539, 101.1621



85.8168, 75.2539, 116.8207



74.1709, 75.2539, 42.2250

Complementary

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



56.6520, 75.2539, 101.1621



49.0581, 35.0769, 20.7098

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.



82.8478, 75.2539, 49.1766



56.6520, 75.2539, 101.1621



89.9300, 75.2539, 89.6506

Square

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



56.6520, 75.2539, 101.1621



77.9568, 75.2539, 137.0129



88.8004, 75.2539, 65.3193



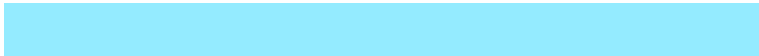
65.4600, 75.2539, 44.0430

Rectangle

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



56.6520, 75.2539, 101.1621



66.1399, 75.2539, 138.0710



88.8004, 75.2539, 65.3193



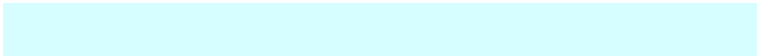
77.1981, 75.2539, 43.5496

Sweetspot

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



56.6543, 75.2568, 101.1639



81.1128, 92.0919, 108.1082



44.4964, 72.8326, 29.6223



17.0250, 19.5182, 23.1200



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.



56.6543, 75.2568, 101.1639



56.2783, 77.1543, 106.5338



40.2369, 42.4220, 95.6914



17.7066, 19.4901, 22.2140



25.8007, 36.9570, 53.7471



2.4065, 3.4568, 4.9836

Inverse Universe

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



61.6433, 39.1641, 89.9015



62.1280, 35.7110, 93.1324



59.9772, 56.9151, 24.3495



17.9632, 17.5126, 21.6620



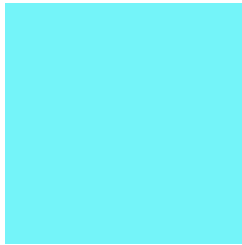
29.3150, 14.1417, 45.2289



2.7236, 1.3132, 4.2340

Previews

White Background



This preview shows how the XYZ color 56.6520, 75.2539, 101.1621 looks on a white background.

Color Contrast Check

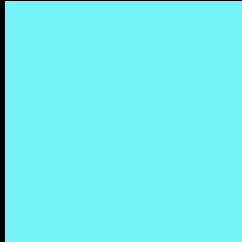
Large Text (above 18pt) WCAG AA × Fail

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 56.6520, 75.2539, 101.1621 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 56.6520, 75.2539, 101.1621

Background



This preview shows how black text looks on a background with the XYZ color 56.6520, 75.2539, 101.1621.

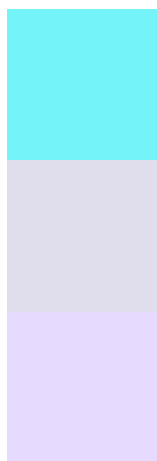


This preview shows how white text looks on a background with the XYZ color 56.6520, 75.2539,

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

56.6520, 75.2539, 101.1621

Protanopia

72.0021, 74.1460, 89.8736

Deuteranopia

75.7545, 74.1858, 104.9343



Tritanopia

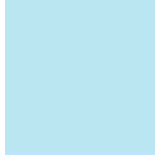
60.9491, 75.1560, 105.9020

Trichromacy



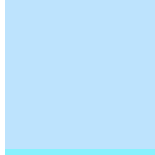
Original Color

56.6520, 75.2539, 101.1621



Protanomaly

64.1816, 73.2588, 93.9767



Deuteranomaly

66.1850, 72.8488, 103.5014



Tritanomaly

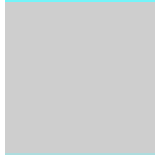
59.3383, 75.2367, 104.3232

Monochromacy



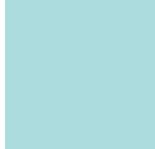
Original Color

56.6520, 75.2539, 101.1621



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.0116, 65.3446, 78.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6520, 75.2539, 101.1621 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(116, 244, 249)` looks like.

```
.text, #text, p{  
    color:rgb(116, 244, 249)  
}
```

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(116, 244, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 244, 249) }
```

Border

The CSS property to change the border of an element to XYZ 56.6520, 75.2539, 101.1621 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(116, 244, 249) }
```


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

```
.border{ border-color:rgb(116, 244, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 244, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 244, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 244, 249); box-shadow:4px 4px 4px 4px rgb(116, 244, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6520, 75.2539, 101.1621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 244, 249) }
```

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

```
.background{ background-color: rgb(116,  
244, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor