

Converting Colors

XYZ(52.9735, 66.6197,
104.6746)

Have a look what the booklet for
XYZ(52.9735, 66.6197, 104.6746)
contains.

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Color

**XYZ(53.1395, 66.9035,
104.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	73E5FF
RGB	115, 229, 255
RGB Percent	45%, 90%, 100%
CMY	0.5490, 0.1019, 0.0000
CMYK	0.55, 0.10, 0.00, 0.00
HSL	191°, 100%, 73%
HSV	191°, 55%, 100%
XYZ	53.1395, 66.9035, 104.7207
YIQ	197.8780, -76.2900, -16.0820

Conversions

Conversions Part 2

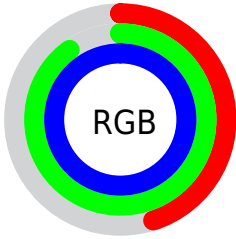
Format	Color
R _Y B	115, 178, 255
Decimal	7595519
CIE Lab	85.46, -25.40, -22.50
CIE LCh	85, 33.931, 221.527
Yxy	66.9035, 0.2364, 0.2977
Android (android.graphics.Color)	4285785599 (0xFF73E5FF)
YUV	197.8780, 28.1611, -72.6840
Hunter-Lab	81.7946, -27.1743, -18.6522

Details

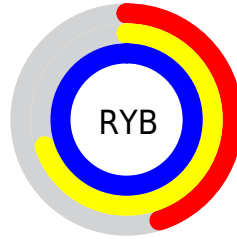
The XYZ color **53.1395, 66.9035, 104.7207** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8601, 41.5484, 21.4024**, and the grayscale version is **53.4719, 56.2566, 61.2635**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **26.1753, 34.4998, 58.7056** is the 20% darker color. If you saturate the color by 10%, you get **48.9464, 62.8247, 104.1544**, and if you desaturate by 10%, it is **58.2993, 71.5366, 105.3430**.

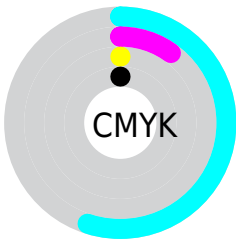
Distribution



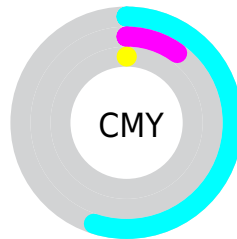
- Red (45%)
- Green (90%)
- Blue (100%)



- Red (45%)
- Yellow (70%)
- Blue (100%)



- Cyan (55%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1395, 66.9035, 104.7207 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 53.1395, 66.9035, 104.7207 by changing the saturation by 10% instead.

53.1395, 66.9035,
104.7207

53.1395, 66.9035,
104.7207

389.0722,
449.6012, 596.5994

38.1421, 49.0062,
79.6100

93.9739, 114.7821,
169.7378

26.2707, 34.6244,
58.8732

120.5416,
145.5323, 210.4812

17.1600, 23.3737,
42.0917

151.6968,
181.3354, 257.2727

10.4446, 14.8697,
28.8470

187.8048,
222.5761, 310.5308

5.7593, 8.7280,
18.7205

229.2310,
269.6386, 370.6740

2.7385, 4.5642,
11.2938

276.3407,

1.0170, 1.9939,

322.9074, 438.1207

6.1481

329.4993,
382.7668, 513.2897

■ 0.0000, 0.6039,
2.8651

■ 0.0000, 0.0000,
1.0262

■ 53.1395, 66.9035,
104.7207

■ 53.1395, 66.9035,
104.7207

■ 48.9464, 62.8247,
104.1544

■ 58.2993, 71.5366,
105.3430

■ 45.6356, 59.2519,
103.6393

■ 64.4899, 76.7532,
106.0236

■ 43.1171, 56.1398,
103.1713

■ 71.7767, 82.5887,
106.7659

■ 41.2781, 53.4298,
102.7451

■ 80.2175, 89.0734,
107.5727

■ 40.5200, 52.1601,
102.5400

■ 89.8662, 96.2356,
108.4466

95.0500, 100.0000,
108.9000

Harmonies

Analogous

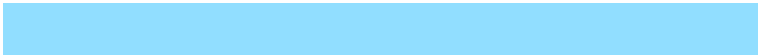
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.1609, 66.9035, 81.6504



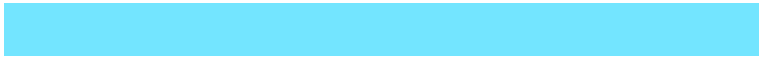
53.1395, 66.9035, 104.7207



59.0140, 66.9035, 120.9057

Triad

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



53.1395, 66.9035, 104.7207



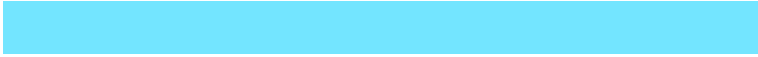
78.6877, 66.9035, 87.1214



60.6775, 66.9035, 38.7040

Complementary

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



53.1395, 66.9035, 104.7207



53.8601, 41.5484, 21.4024

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.



68.3962, 66.9035, 39.5826



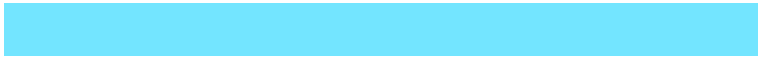
53.1395, 66.9035, 104.7207



79.2239, 66.9035, 64.6995

Square

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



53.1395, 66.9035, 104.7207



73.9166, 66.9035, 109.4151



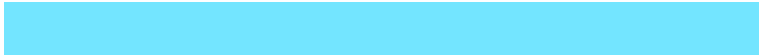
75.3275, 66.9035, 48.2011



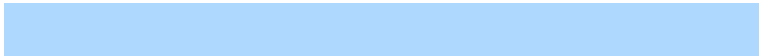
54.2725, 66.9035, 45.4956

Rectangle

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



53.1395, 66.9035, 104.7207



63.9850, 66.9035, 123.9722



75.3275, 66.9035, 48.2011



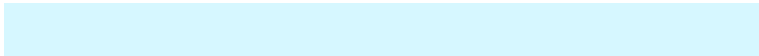
63.1961, 66.9035, 38.1556

Sweetspot

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



53.1414, 66.9059, 104.7210



79.2304, 88.3272, 107.4807



47.6144, 77.0786, 37.4395



16.5717, 18.6115, 22.9689



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.



53.1414, 66.9059, 104.7210



48.5403, 62.4074, 104.0952



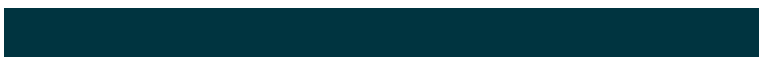
37.5773, 35.7778, 99.5330



18.2512, 19.8741, 23.1241



21.2757, 27.4609, 53.6137



2.1424, 2.8154, 5.2438

Inverse Universe

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



61.5148, 39.1802, 78.4518



58.0443, 33.3960, 73.7283



67.5469, 68.9220, 25.9647



18.6395, 18.2391, 21.9845



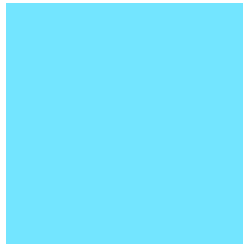
27.5272, 13.5002, 32.4902



2.7160, 1.3288, 3.3517

Previews

White Background



This preview shows how the XYZ color 53.1395, 66.9035, 104.7207 looks on a white background.

Color Contrast Check

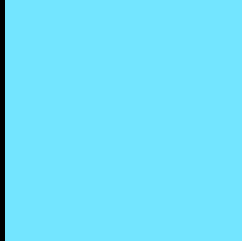
Large Text (above 18pt) WCAG AA × Fail

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 53.1395, 66.9035, 104.7207 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 53.1395, 66.9035, 104.7207

Background



This preview shows how black text looks on a background with the XYZ color 53.1395, 66.9035, 104.7207.

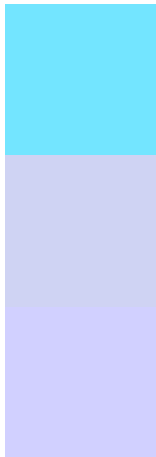


This preview shows how white text looks on a background with the XYZ color 53.1395, 66.9035,

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

53.1395, 66.9035, 104.7207

Protanopia

65.2041, 66.3250, 94.1594

Deuteranopia

66.9004, 65.8871, 103.7992



Tritanopia

52.2057, 66.9439, 99.7925

Trichromacy



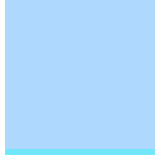
Original Color

53.1395, 66.9035, 104.7207



Protanomaly

59.3155, 65.8569, 97.5811



Deuteranomaly

60.2851, 65.4457, 104.0627



Tritanomaly

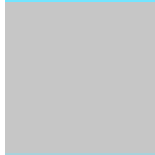
52.6488, 67.1361, 101.4505

Monochromacy



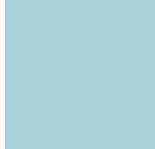
Original Color

53.1395, 66.9035, 104.7207



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.7351, 59.0402, 75.6870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1395, 66.9035, 104.7207 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(115, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 229, 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(115, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.1395, 66.9035, 104.7207 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(115, 229, 255) }
```


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

```
.border{ border-color:rgb(115, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(115, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1395, 66.9035, 104.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 229, 255) }
```

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

```
.background{ background-color: rgb(115,  
229, 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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