

Converting Colors

XYZ(53.2083, 65.5373,
104.4533)

Have a look what the booklet for
XYZ(53.2083, 65.5373, 104.4533)
contains.

XYZ(53.2724, 65.7503, 104.4911)	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(53.2724, 65.7503,
104.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	7AE2FF
RGB	122, 226, 255
RGB Percent	48%, 89%, 100%
CMY	0.5215, 0.1137, 0.0000
CMYK	0.52, 0.11, 0.00, 0.00
HSL	193°, 100%, 74%
HSV	193°, 52%, 100%
XYZ	53.2724, 65.7503, 104.4911
YIQ	198.2100, -71.2930, -13.0290

Conversions

Conversions Part 2

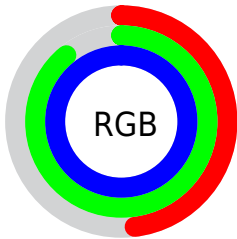
Format	Color
R _Y B	122, 180, 255
Decimal	8053503
CIE Lab	84.87, -22.53, -23.36
CIE LCh	85, 32.458, 226.036
Yxy	65.7503, 0.2383, 0.2942
Android (android.graphics.Color)	4286243583 (0xFF7AE2FF)
YUV	198.2100, 27.9975, -66.8362
Hunter-Lab	81.0866, -24.6302, -19.6427

Details

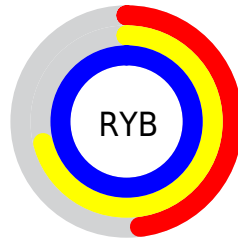
The XYZ color **53.2724, 65.7503, 104.4911** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **55.8203, 44.7994, 24.1195**, and the grayscale version is **53.6722, 56.4673, 61.4929**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **26.2551, 33.6965, 58.5464** is the 20% darker color. If you saturate the color by 10%, you get **48.6372, 61.1540, 103.8482**, and if you desaturate by 10%, it is **58.9074, 70.9376, 105.1953**.

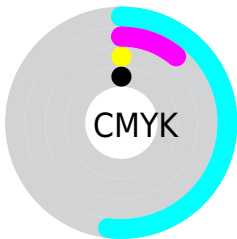
Distribution



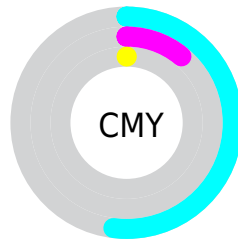
- Red (48%)
- Green (89%)
- Blue (100%)



- Red (48%)
- Yellow (71%)
- Blue (100%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2724, 65.7503, 104.4911 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 53.2724, 65.7503, 104.4911 by changing the saturation by 10% instead.

53.2724, 65.7503,
104.4911

53.2724, 65.7503,
104.4911

389.5731,
445.4833, 595.8668

38.2486, 48.0697,
79.4188

94.1683, 113.1279,
169.4209

26.3538, 33.8821,
58.7169

120.7710,
143.5937, 210.1155

17.2226, 22.8030,
41.9667

151.9642,
179.0900, 256.8546

10.4896, 14.4481,
28.7499

188.1131,
220.0012, 310.0568

5.7895, 8.4330,
18.6477

229.5831,
266.7118, 370.1405

2.7569, 4.3733,
11.2418

276.7395,

1.0266, 1.8845,

319.6061, 437.5244

6.1135

329.9477,
379.0685, 512.6270

■ 0.0000, 0.5390,
2.8443

■ 0.0000, 0.0000,
1.0157

■ 53.2724, 65.7503,
104.4911

■ 53.2724, 65.7503,
104.4911

■ 48.6372, 61.1540,
103.8482

■ 58.9074, 70.9376,
105.1953

■ 44.9199, 57.1017,
103.2619

■ 65.6048, 76.7446,
105.9632

■ 42.0347, 53.5497,
102.7284

■ 73.4281, 83.2061,
106.7981

■ 39.8756, 50.4427,
102.2425

■ 82.4344, 90.3523,
107.7027

■ 38.5662, 48.2524,
101.8887

■ 92.6767, 98.2110,
108.6798

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.



49.9843, 65.7503, 83.2441



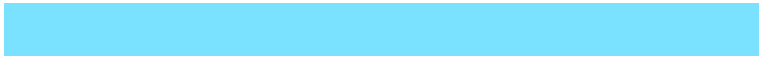
53.2724, 65.7503, 104.4911



59.1767, 65.7503, 117.9603

Triad

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



53.2724, 65.7503, 104.4911



77.0838, 65.7503, 81.7058



58.7066, 65.7503, 39.5640

Complementary

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



53.2724, 65.7503, 104.4911



55.8203, 44.7994, 24.1195

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.



65.9323, 65.7503, 39.3119



53.2724, 65.7503, 104.4911



76.9333, 65.7503, 61.0793

Square

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



53.2724, 65.7503, 104.4911



73.1186, 65.7503, 103.1781



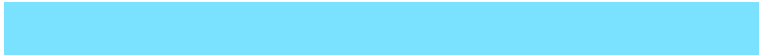
72.7220, 65.7503, 46.4420



52.9514, 65.7503, 47.2142

Rectangle

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



53.2724, 65.7503, 104.4911



63.9770, 65.7503, 119.3079



72.7220, 65.7503, 46.4420



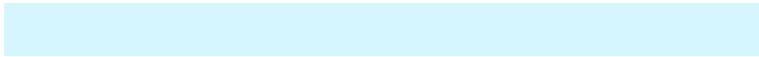
61.0335, 65.7503, 38.6701

Sweetspot

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



53.2742, 65.7527, 104.4914



78.8275, 87.5213, 107.3464



49.3583, 77.8866, 41.6344



16.4749, 18.4180, 22.9366



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.



53.2742, 65.7527, 104.4914



48.2884, 60.7908, 103.7965



38.5937, 36.3915, 99.5979



18.1991, 19.7698, 23.1067



20.2665, 25.4426, 53.2773



2.0525, 2.6358, 5.2138

Inverse Universe

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



61.9283, 40.6718, 76.5405



58.1887, 34.4937, 71.2830



69.6483, 72.4553, 28.7288



18.6131, 18.2286, 21.8459



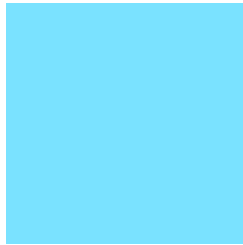
27.0178, 13.2964, 29.8079



2.6706, 1.3106, 3.1130

Previews

White Background



This preview shows how the XYZ color 53.2724, 65.7503, 104.4911 looks on a white background.

Color Contrast Check

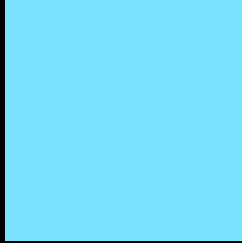
Large Text (above 18pt) WCAG AA × Fail

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 53.2724, 65.7503, 104.4911 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 53.2724, 65.7503, 104.4911

Background



This preview shows how black text looks on a background with the XYZ color 53.2724, 65.7503, 104.4911.

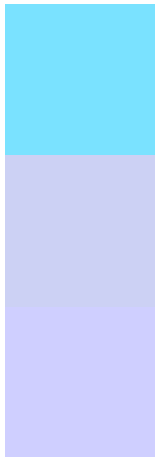


This preview shows how white text looks on a background with the XYZ color 53.2724, 65.7503,

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

53.2724, 65.7503, 104.4911

Protanopia

64.0314, 64.9700, 94.7536

Deuteranopia

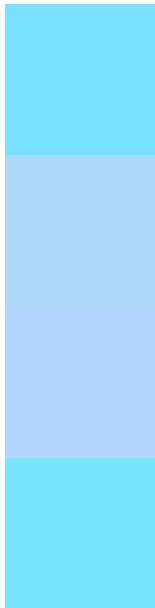
66.0950, 65.1110, 103.6919



Tritanopia

51.9857, 66.0626, 97.2002

Trichromacy



Original Color

53.2724, 65.7503, 104.4911

Protanomaly

58.6993, 64.3769, 98.1391

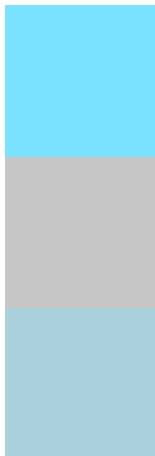
Deuteranomaly

60.0011, 64.5432, 103.9034

Tritanomaly

52.3137, 65.7708, 99.5603

Monochromacy



Original Color

53.2724, 65.7503, 104.4911

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

51.9196, 58.7723, 75.6256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2724, 65.7503, 104.4911 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(122, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 226, 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(122, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.2724, 65.7503, 104.4911 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(122, 226, 255) }
```


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

```
.border{ border-color:rgb(122, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2724, 65.7503, 104.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 226, 255) }
```

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

```
.background{ background-color: rgb(122,  
226, 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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