

Converting Colors

XYZ(53.3001, 65.5203, 91.5752)

Have a look what the booklet for
XYZ(53.3001, 65.5203, 91.5752)
contains.

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Color

**XYZ(53.3204, 65.6579,
91.5243)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE1EF
RGB	140, 225, 239
RGB Percent	55%, 88%, 94%
CMY	0.4510, 0.1176, 0.0627
CMYK	0.41, 0.06, 0.00, 0.06
HSL	188°, 76%, 74%
HSV	188°, 41%, 94%
XYZ	53.3204, 65.6579, 91.5243
YIQ	201.1810, -55.1540, -13.6660

Conversions

Conversions Part 2

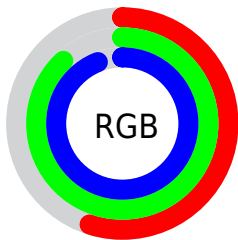
Format	Color
RYB	140, 186, 239
Decimal	9232879
CIELab	84.82, -22.20, -14.92
CIELCh	85, 26.752, 213.899
Yxy	65.6579, 0.2533, 0.3119
Android (android.graphics.Color)	4287422959 (0xFF8CE1EF)
YUV	201.1810, 18.6448, -53.6557
Hunter-Lab	81.0296, -24.3422, -10.2484

Details

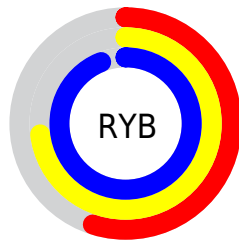
The XYZ color **53.3204, 65.6579, 91.5243** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51.8869, 43.3563, 30.4464**, and the grayscale version is **55.5438, 58.4364, 63.6372**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **26.4892, 34.0073, 49.9677** is the 20% darker color. If you saturate the color by 10%, you get **48.8182, 61.9956, 91.0558**, and if you desaturate by 10%, it is **58.7193, 69.8123, 92.0428**.

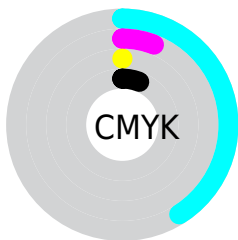
Distribution



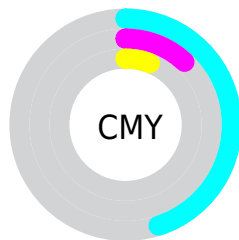
- Red (55%)
- Green (88%)
- Blue (94%)



- Red (55%)
- Yellow (73%)
- Blue (94%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (45%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3204, 65.6579, 91.5243 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 53.3204, 65.6579, 91.5243 by changing the saturation by 10% instead.

53.3204, 65.6579,
91.5243

53.3204, 65.6579,
91.5243

389.7539,
445.1524, 553.6745

38.2871, 47.9947,
68.6648

94.2384, 112.9952,
151.4079

26.3838, 33.8227,
49.9687

120.8539,
143.4381, 189.2690

17.2452, 22.7574,
35.0175

152.0607,
178.9097, 232.9677

10.5058, 14.4145,
23.3927

188.2244,
219.7945, 282.9226

5.8004, 8.4095,
14.6757

229.7102,
266.4767, 339.5522

2.7636, 4.3581,
8.4480

276.8835,

1.0300, 1.8758,

319.3409, 403.2750

4.2911

330.1096,
378.7713, 474.5096

■ 0.0000, 0.5338,
1.7864

■ 0.0000, 0.0000,
0.4189

■ 53.3204, 65.6579,
91.5243

■ 53.3204, 65.6579,
91.5243

■ 48.8182, 61.9956,
91.0558

■ 58.7193, 69.8123,
92.0428

■ 45.1493, 58.7881,
90.6301


■ 65.0609, 74.4783,
92.6092


■ 42.2517, 56.0046,
90.2456


■ 72.3955, 79.6832,
93.2272


■ 40.0517, 53.6073,
89.8988


■ 80.7677, 85.4504,
93.8991


 38.4611, 51.5503,
89.5856


 88.5427, 90.9371,
94.5484

 37.4614, 49.9945,
89.3380

 89.5573, 92.9663,
94.8866

 90.5906, 95.0329,
95.2310

 91.6427, 97.1370,
95.5817

 92.5802, 99.0121,
95.8942

Harmonies

Analogous

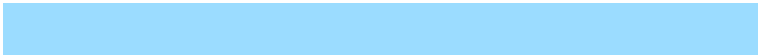
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.5994, 65.6579, 73.7583



53.3204, 65.6579, 91.5243



57.4715, 65.6579, 105.4158

Triad

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



53.3204, 65.6579, 91.5243



73.3381, 65.6579, 87.0170



61.6255, 65.6579, 43.3576

Complementary

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



53.3204, 65.6579, 91.5243



51.8869, 43.3563, 30.4464

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.



67.6149, 65.6579, 45.7575



53.3204, 65.6579, 91.5243



74.6247, 65.6579, 69.2693

Square

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



53.3204, 65.6579, 91.5243



69.0569, 65.6579, 102.5349



72.4689, 65.6579, 54.6164



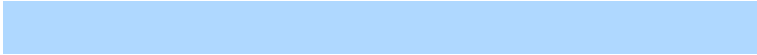
56.1962, 65.6579, 47.4447

Rectangle

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



53.3204, 65.6579, 91.5243



61.1890, 65.6579, 109.5882



72.4689, 65.6579, 54.6164



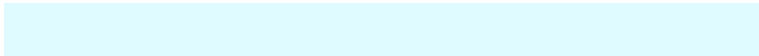
63.6388, 65.6579, 43.4368

Sweetspot

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



53.3224, 65.6605, 91.5258



83.3098, 91.9218, 107.9595



47.4495, 69.6163, 41.1618



17.5810, 19.4992, 23.0870



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.



53.3224, 65.6605, 91.5258



57.1533, 72.3229, 105.5552



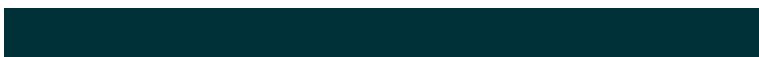
41.9810, 42.9776, 87.7454



16.0458, 17.5256, 20.2587



20.7754, 27.7751, 49.3940



1.7801, 2.4142, 4.1264

Inverse Universe

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



58.5669, 42.5448, 76.3621



64.1761, 42.6810, 84.9554



61.6168, 62.8160, 33.6897



16.3525, 15.9907, 19.4126



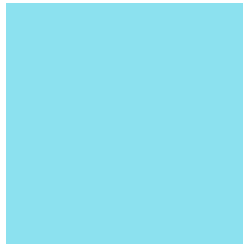
25.8121, 12.5973, 33.2567



2.1735, 1.0584, 2.9042

Previews

White Background



This preview shows how the XYZ color 53.3204, 65.6579, 91.5243 looks on a white background.

Color Contrast Check

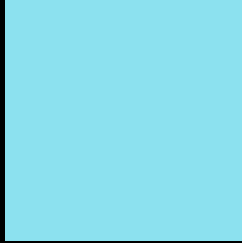
Large Text (above 18pt) WCAG AA × Fail

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 53.3204, 65.6579, 91.5243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

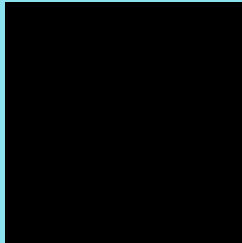
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3204, 65.6579, 91.5243

Background



This preview shows how black text looks on a background with the XYZ color 53.3204, 65.6579, 91.5243.



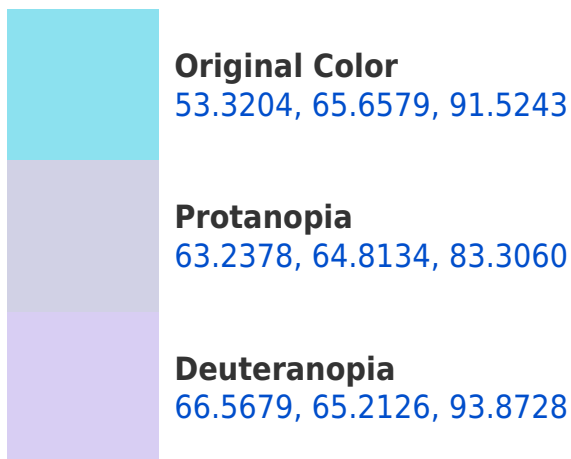
This preview shows how white text looks on a background with the XYZ color 53.3204, 65.6579,

91.5243.

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





Tritanopia

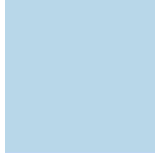
53.8178, 65.4451, 94.5897

Trichromacy



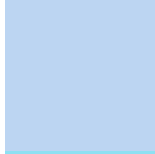
Original Color

53.3204, 65.6579, 91.5243



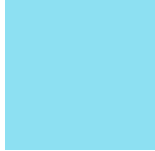
Protanomaly

58.7756, 64.6744, 86.4764



Deuteranomaly

60.5603, 64.6907, 93.2991



Tritanomaly

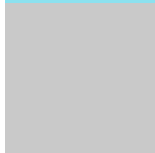
53.6672, 65.3848, 93.7964

Monochromacy



Original Color

53.3204, 65.6579, 91.5243



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.9027, 60.5832, 73.1427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3204, 65.6579, 91.5243 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(140, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(140, 225, 239)  
}
```

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(140, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 225, 239) }
```

Border

The CSS property to change the border of an element to XYZ 53.3204, 65.6579, 91.5243 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(140, 225, 239) }
```


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

```
.border{ border-color:rgb(140, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(140, 225,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3204, 65.6579, 91.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 225, 239) }
```

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

```
.background{ background-color: rgb(140,  
225, 239) }
```

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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