

Converting Colors

XYZ(53.2024, 66.4044, 91.6746)

Have a look what the booklet for
XYZ(53.2024, 66.4044, 91.6746)
contains.

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Color

**XYZ(53.2024, 66.4044,
91.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	88E3EF
RGB	136, 227, 239
RGB Percent	53%, 89%, 94%
CMY	0.4666, 0.1098, 0.0627
CMYK	0.43, 0.05, 0.00, 0.06
HSL	187°, 76%, 74%
HSV	187°, 43%, 94%
XYZ	53.2024, 66.4044, 91.6746
YIQ	201.1590, -58.0880, -15.5600

Conversions

Conversions Part 2

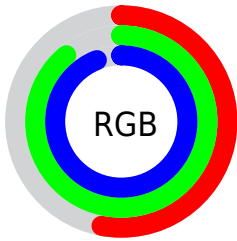
Format	Color
R_{YB}	136, 184, 239
Decimal	8971247
CIE _{Lab}	85.20, -24.15, -14.37
CIE _{LCh}	85, 28.101, 210.749
Y _{xy}	66.4044, 0.2518, 0.3143
Android (android.graphics.Color)	4287161327 (0xFF88E3EF)
YUV	201.1590, 18.6556, -57.1444
Hunter-Lab	81.4889, -26.0666, -9.6587

Details

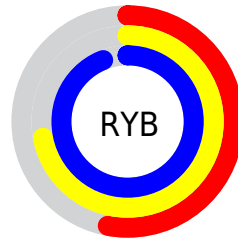
The XYZ color **53.2024, 66.4044, 91.6746** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.6316, 41.3091, 28.5991**, and the grayscale version is **55.5314, 58.4233, 63.6230**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **26.2520, 34.1644, 50.0105** is the 20% darker color. If you saturate the color by 10%, you get **48.9904, 63.1132, 91.2625**, and if you desaturate by 10%, it is **58.2962, 70.1715, 92.1344**.

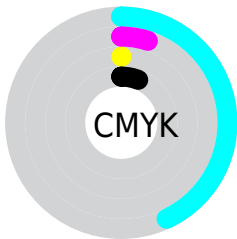
Distribution



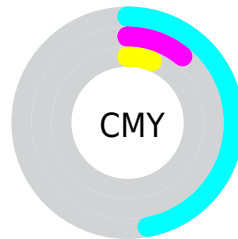
- Red (53%)
- Green (89%)
- Blue (94%)



- Red (53%)
- Yellow (72%)
- Blue (94%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (47%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2024, 66.4044, 91.6746 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 53.2024, 66.4044, 91.6746 by changing the saturation by 10% instead.

53.2024, 66.4044,
91.6746

53.2024, 66.4044,
91.6746

389.3093,
447.8218, 554.1734

38.1925, 48.6008,
68.7889

94.0659, 114.0666,
151.6181

26.3100, 34.3029,
50.0691

120.6502,
144.6939, 189.5129

17.1896, 23.1264,
35.0967

151.8234,
180.3645, 233.2479

10.4659, 14.6869,
23.4533

187.9507,
221.4629, 283.2415

5.7736, 8.5999,
14.7201

229.3977,
268.3734, 339.9123

2.7472, 4.4812,
8.4788

276.5295,

1.0215, 1.9462,

321.4805, 403.6789

4.3107

329.7116,
381.1685, 474.9597

■ 0.0000, 0.5759,
1.7973

■ 0.0000, 0.0000,
0.4262

■ 53.2024, 66.4044,
91.6746

■ 53.2024, 66.4044,
91.6746

■ 48.9904, 63.1132,
91.2625

■ 58.2962, 70.1715,
92.1344

■ 45.5957, 60.2601,
90.8907

■ 64.3185, 74.4341,
92.6398

■ 42.9552, 57.8138,
90.5577

■ 71.3201, 79.2199,
93.1945

■ 40.9931, 55.7354,
90.2599

■ 79.3461, 84.5524,
93.8008

■ 39.6179, 53.9774,
89.9931

■ 88.2530, 90.3576,
94.4518

■ 38.9146, 52.9008,
89.8224

■ 89.0831, 92.0178,
94.7285

■ 89.9258, 93.7033,
95.0094

■ 90.7812, 95.4142,
95.2946

■ 91.6494, 97.1506,
95.5840

Harmonies

Analogous

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



51.6877, 66.4044, 72.7610



53.2024, 66.4044, 91.6746



57.3410, 66.4044, 107.2646

Triad

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



53.2024, 66.4044, 91.6746



74.3669, 66.4044, 90.7506



62.9560, 66.4044, 42.6964

Complementary

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



53.2024, 66.4044, 91.6746



50.6316, 41.3091, 28.5991

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.



69.2650, 66.4044, 45.9067



53.2024, 66.4044, 91.6746



76.1143, 66.4044, 71.8472

Square

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



53.2024, 66.4044, 91.6746



69.5594, 66.4044, 106.6714



74.1891, 66.4044, 55.8729



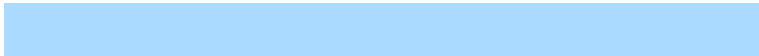
57.0822, 66.4044, 46.2451

Rectangle

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



53.2024, 66.4044, 91.6746



61.1749, 66.4044, 112.5521



74.1891, 66.4044, 55.8729



65.0965, 66.4044, 43.0149

Sweetspot

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



53.2044, 66.4070, 91.6762



82.6687, 91.8069, 107.9711



46.2330, 69.0533, 38.2102



17.2882, 19.3760, 23.0787



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.



53.2044, 66.4070, 91.6762



57.1618, 73.4448, 105.7713



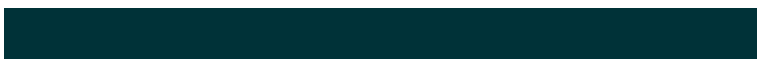
41.4966, 42.9913, 87.7736



16.0810, 17.5962, 20.2704



21.5678, 29.3598, 49.6581



1.8384, 2.5307, 4.1458

Inverse Universe

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



58.2676, 41.5068, 77.6164



63.9107, 41.5423, 86.7412



60.1904, 60.4267, 31.7854



16.3703, 15.9978, 19.5064



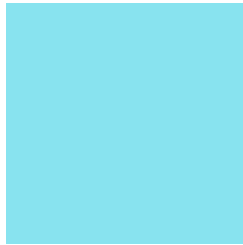
26.2120, 12.7572, 35.3628



2.2029, 1.0702, 3.0591

Previews

White Background



This preview shows how the XYZ color 53.2024, 66.4044, 91.6746 looks on a white background.

Color Contrast Check

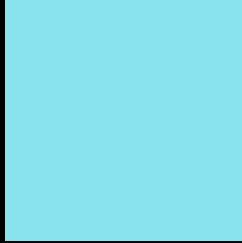
Large Text (above 18pt) WCAG AA × Fail

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 53.2024, 66.4044, 91.6746 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 53.2024, 66.4044, 91.6746

Background



This preview shows how black text looks on a background with the XYZ color 53.2024, 66.4044, 91.6746.

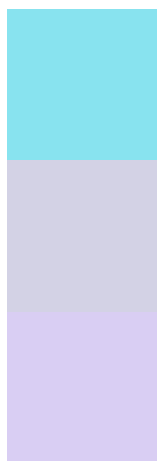


This preview shows how white text looks on a background with the XYZ color 53.2024, 66.4044,

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

53.2024, 66.4044, 91.6746

Protanopia

64.0534, 65.5992, 83.4147

Deuteranopia

66.8642, 65.3654, 93.8867



Tritanopia

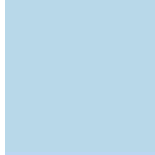
54.0067, 66.3276, 95.5440

Trichromacy



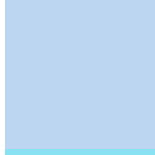
Original Color

53.2024, 66.4044, 91.6746



Protanomaly

59.0310, 65.1853, 86.5615



Deuteranomaly

60.8126, 65.1953, 93.3832



Tritanomaly

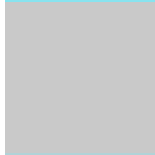
53.5399, 66.1219, 93.9453

Monochromacy



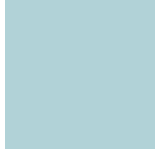
Original Color

53.2024, 66.4044, 91.6746



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.4438, 60.3466, 73.1212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2024, 66.4044, 91.6746 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(136, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(136, 227, 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(136, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 227, 239) }
```

Border

The CSS property to change the border of an element to XYZ 53.2024, 66.4044, 91.6746 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(136, 227, 239) }
```


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

```
.border{ border-color:rgb(136, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(136, 227,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2024, 66.4044, 91.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 227, 239) }
```

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

```
.background{ background-color: rgb(136,  
227, 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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