

Converting Colors

XYZ(52.9954, 76.1191, 81.5875)

Have a look what the booklet for
XYZ(52.9954, 76.1191, 81.5875)
contains.

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Color

**XYZ(53.0207, 76.0823,
81.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	69F9DF
RGB	105, 249, 223
RGB Percent	41%, 98%, 87%
CMY	0.5882, 0.0235, 0.1255
CMYK	0.58, 0.00, 0.10, 0.02
HSL	169°, 92%, 69%
HSV	169°, 58%, 98%
XYZ	53.0207, 76.0823, 81.7029
YIQ	202.9800, -77.4780, -38.6140

Conversions

Conversions Part 2

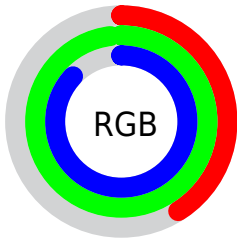
Format	Color
R _Y B	105, 184, 249
Decimal	6945247
CIE Lab	89.90, -44.86, 0.84
CIE LCh	90, 44.866, 178.928
Yxy	76.0823, 0.2515, 0.3609
Android (android.graphics.Color)	4285135327 (0xFF69F9DF)
YUV	202.9800, 9.8699, -85.9285
Hunter-Lab	87.2252, -44.1410, 5.5213

Details

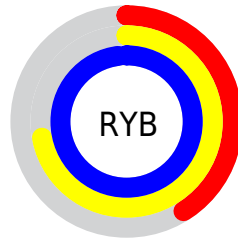
The XYZ color **53.0207, 76.0823, 81.7029** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **48.2178, 31.8838, 25.0885**, and the grayscale version is **56.7291, 59.6835, 64.9953**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **26.2484, 40.6970, 43.5177** is the 20% darker color. If you saturate the color by 10%, you get **49.9153, 74.5524, 78.4363**, and if you desaturate by 10%, it is **57.0025, 78.0659, 85.0980**.

Distribution



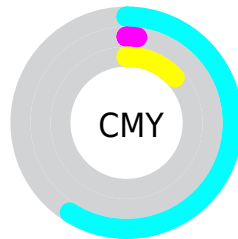
- Red (41%)
- Green (98%)
- Blue (87%)



- Red (41%)
- Yellow (72%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)




- Cyan (59%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0207, 76.0823, 81.7029 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 53.0207, 76.0823, 81.7029 by changing the saturation by 10% instead.


 53.0207, 76.0823,
81.7029


 53.0207, 76.0823,
81.7029


388.6241,
481.6294, 520.5107


 38.0468, 56.5000,
60.5863


 93.8002, 127.8432,
137.5902

 26.1964, 40.6039,
43.4630


 120.3365,
160.7907, 173.1980

 17.1041, 28.0097,
29.9145


 151.4577,
198.9619, 214.4733

 10.4045, 18.3330,
19.5222

187.5291,
242.7414, 261.8346

 5.7323, 11.1893,
11.8676

228.9161,
292.5135, 315.7004

 2.7221, 6.1943,
6.5321

275.9840,

 1.0086, 2.9636,

348.6626, 376.4894

3.0973

329.0982,
411.5731, 444.6199

0.0000, 1.1128,
1.1445

0.0000, 0.0000,
0.0000

53.0207, 76.0823,
81.7029

53.0207, 76.0823,
81.7029

49.9153, 74.5524,
78.4363

57.0025, 78.0659,
85.0980

47.6025, 73.4274,
75.2885


61.9222, 80.5292,
88.6199


45.9935, 72.6633,
72.2564


67.8430, 83.5067,
92.2740


44.9660, 72.1973,
69.3336


74.8210, 87.0274,
96.0636

 44.7809, 72.1154,
68.7117

 82.9078, 91.1177,
99.9915

 92.1518, 95.8027,
104.0608

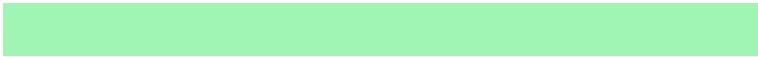
 93.0827, 96.2001,
107.8288

 93.1669, 96.2338,
108.2723

Harmonies

Analogous

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



55.5445, 76.0823, 55.1501



53.0207, 76.0823, 81.7029



55.2104, 76.0823, 116.0301

Triad

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



53.0207, 76.0823, 81.7029



83.1263, 76.0823, 148.6097



83.8872, 76.0823, 40.7708

Complementary

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



53.0207, 76.0823, 81.7029



48.2178, 31.8838, 25.0885

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.



92.6286, 76.0823, 56.6734



53.0207, 76.0823, 81.7029



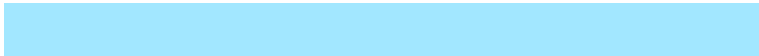
92.1586, 76.0823, 118.5262

Square

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



53.0207, 76.0823, 81.7029



71.9156, 76.0823, 160.1287



95.7976, 76.0823, 83.9890



72.7138, 76.0823, 35.5550

Rectangle

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



53.0207, 76.0823, 81.7029



59.1894, 76.0823, 137.9346



95.7976, 76.0823, 83.9890



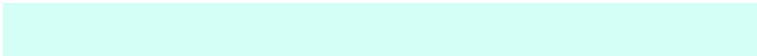
87.2480, 76.0823, 44.8041

Sweetspot

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



53.0229, 76.0853, 81.7047



79.6257, 92.1911, 101.7330



45.8501, 73.6316, 25.1621



16.7022, 19.5604, 21.5998



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.



53.0229, 76.0853, 81.7047



52.3387, 78.5244, 82.3716



44.3776, 52.7467, 97.4680



17.6234, 19.5516, 21.4835



24.0181, 38.6203, 37.0344



2.2584, 3.5905, 3.6085

Inverse Universe

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



48.2178, 31.8838, 25.0885



46.8990, 28.0030, 17.9208



52.6217, 43.1670, 18.9249



17.3726, 17.2764, 18.5517



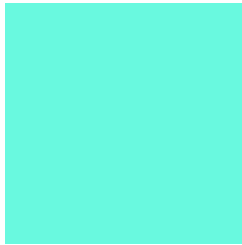
21.2017, 10.8964, 2.5047



1.9975, 1.0227, 0.4103

Previews

White Background



This preview shows how the XYZ color 53.0207, 76.0823, 81.7029 looks on a white background.

Color Contrast Check

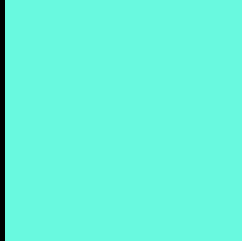
Large Text (above 18pt) WCAG AA × Fail

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 53.0207, 76.0823, 81.7029 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 53.0207, 76.0823, 81.7029

Background



This preview shows how black text looks on a background with the XYZ color 53.0207, 76.0823, 81.7029.



This preview shows how white text looks on a background with the XYZ color 53.0207, 76.0823,

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

53.0207, 76.0823, 81.7029

Protanopia

71.4430, 75.0706, 71.0462

Deuteranopia

76.4040, 74.5720, 85.2298



Tritanopia

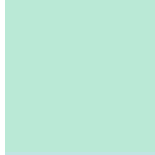
61.6790, 75.5323, 105.9361

Trichromacy



Original Color

53.0207, 76.0823, 81.7029



Protanomaly

61.5262, 73.5720, 74.5764



Deuteranomaly

63.8768, 72.9221, 83.3818



Tritanomaly

58.0598, 75.6406, 96.3340

Monochromacy



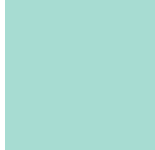
Original Color

53.0207, 76.0823, 81.7029



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

53.1624, 64.0550, 70.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0207, 76.0823, 81.7029 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(105, 249, 223)` looks like.

```
.text, #text, p{  
    color:rgb(105, 249, 223)  
}
```

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(105, 249, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 249, 223) }
```

Border

The CSS property to change the border of an element to XYZ 53.0207, 76.0823, 81.7029 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(105, 249, 223) }
```


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

```
.border{ border-color:rgb(105, 249, 223) }
```

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

Here you see how a box with a 4 pixel rgb(105, 249, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 249, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 249, 223);  
box-shadow:4px 4px 4px 4px rgb(105, 249,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0207, 76.0823, 81.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 249, 223) }
```

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

```
.background{ background-color: rgb(105,  
249, 223) }
```

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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