

Converting Colors

XYZ(10.5053, 4.8586, 52.8178)

Have a look what the booklet for
XYZ(10.5053, 4.8586, 52.8178)
contains.

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Color

**XYZ(10.4559, 4.8210,
52.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	081BC4
RGB	8, 27, 196
RGB Percent	3%, 11%, 77%
CMY	0.9685, 0.8941, 0.2314
CMYK	0.96, 0.86, 0.00, 0.23
HSL	234°, 92%, 40%
HSV	234°, 96%, 77%
XYZ	10.4559, 4.8210, 52.6040
YIQ	40.5850, -65.5730, 48.5310

Conversions

Conversions Part 2

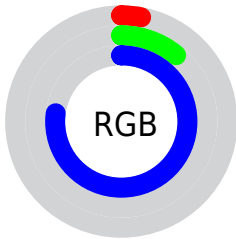
Format	Color
R _Y B	8, 25, 196
Decimal	531396
CIE Lab	26.22, 57.60, -84.14
CIE LCh	26, 101.970, 304.393
Yxy	4.8210, 0.1540, 0.0710
Android (android.graphics.Color)	4278721476 (0xFF081BC4)
YUV	40.5850, 76.6196, -28.5770
Hunter-Lab	21.9568, 46.5780, -126.6771

Details

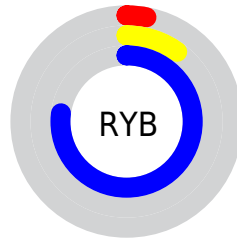
The XYZ color **10.4559, 4.8210, 52.6040** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **38.5416, 43.2184, 6.5416**, and the grayscale version is **2.0079, 2.1125, 2.3005**.

A 20% lighter version of the original color is **26.2522, 15.4066, 95.3561**, and **4.7336, 1.8934, 24.9269** is the 20% darker color. If you saturate the color by 10%, you get **10.2098, 4.4774, 52.5508**, and if you desaturate by 10%, it is **11.3569, 6.0751, 52.7988**.

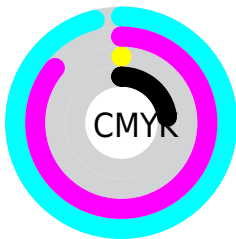
Distribution



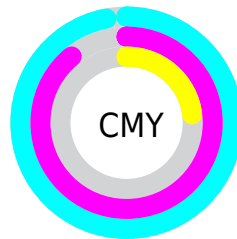
- Red (3%)
- Green (11%)
- Blue (77%)



- Red (3%)
- Yellow (10%)
- Blue (77%)



- Cyan (96%)
- Magenta (86%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (89%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4559, 4.8210, 52.6040 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 10.4559, 4.8210, 52.6040 by changing the saturation by 10% instead.

■ 10.4559, 4.8210,
52.6040

■ 10.4559, 4.8210,
52.6040

187.8821,
148.0824, 413.7871

■ 5.7668, 2.1426,
37.1012

■ 26.2915, 15.4307,
95.4570

■ 2.7431, 0.6884,
24.9894

■ 38.1688, 24.1309,
123.6443

■ 1.0194, 0.0000,
15.8502

■ 53.1728, 35.6071,
156.8969

■ 0.0000, 0.0000,
9.2650

■ 71.6690, 50.2437,
195.6332

■ 0.0000, 0.0000,
4.8153

■ 94.0226, 68.4251,
240.2718


■ 0.0000, 0.0000,
2.0825


■ 120.5991, 90.5358,

■ 0.0000, 0.0000,

291.2313

0.6053

 151.7638,
116.9601, 348.9302

 0.0000, 0.0000,
0.0000

 10.4559, 4.8210,
52.6040


 10.4559, 4.8210,
52.6040


 10.2098, 4.4774,
52.5508

 11.3569, 6.0751,
52.7988

 12.8833, 8.0673,
53.1029

 15.1268, 10.8910,
53.5296

 18.1628, 14.6254,
54.0904

 22.0568, 19.3399,
54.7952

■ 26.8675, 25.0976,
55.6530

■ 32.6484, 31.9560,
56.6721

■ 39.4489, 39.9685,
57.8603

■ 47.3148, 49.1848,
59.2246

Harmonies

Analogous

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



5.1980, 4.8210, 72.2707



10.4559, 4.8210, 52.6040



15.6298, 4.8210, 21.7208

Triad

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



10.4559, 4.8210, 52.6040



8.7826, 4.8210, 0.0000



0.2769, 4.8210, 7.1270

Complementary

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



10.4559, 4.8210, 52.6040



38.5416, 43.2184, 6.5416

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.



0.5140, 4.8210, 0.0793



10.4559, 4.8210, 52.6040



4.0171, 4.8210, 0.0000

Square

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



10.4559, 4.8210, 52.6040



14.3304, 4.8210, 0.0000



1.4630, 4.8210, 0.0000



0.7047, 4.8210, 30.1723

Rectangle

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



10.4559, 4.8210, 52.6040



17.3180, 4.8210, 7.7129



1.4630, 4.8210, 0.0000



0.2815, 4.8210, 3.3755

Sweetspot

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



10.4563, 4.8210, 52.6042



55.2091, 53.2324, 101.9728



27.4877, 42.5907, 46.8534



10.8582, 10.2558, 21.6572



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.



10.4563, 4.8210, 52.6042



18.4129, 7.9459, 95.1710



13.3674, 5.8698, 52.6532



9.6082, 9.9077, 12.6908



6.5904, 2.9373, 33.7762



0.3129, 0.1832, 1.4688

Inverse Universe

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



23.0501, 11.9896, 2.1358



41.4232, 21.3333, 2.8947



28.0892, 43.7791, 7.2008



10.1135, 10.0940, 10.6885



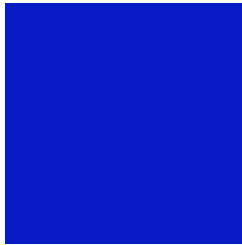
14.7225, 7.5788, 1.1848



0.6503, 0.3331, 0.1260

Previews

White Background



This preview shows how the XYZ color 10.4559, 4.8210, 52.6040 looks on a white background.

Color Contrast Check

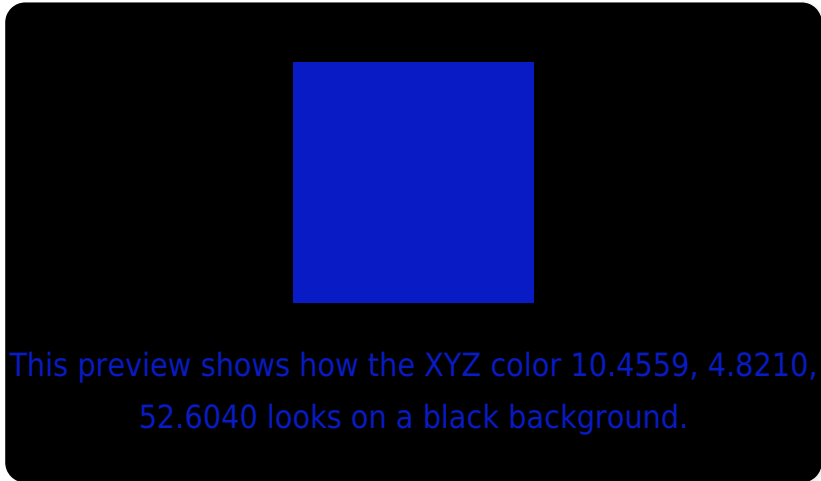
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

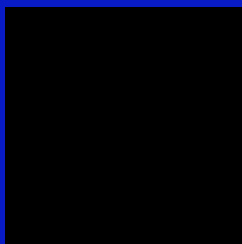
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4559, 4.8210, 52.6040

Background



This preview shows how black text looks on a background with the XYZ color 10.4559, 4.8210, 52.6040.



This preview shows how white text looks on a background with the XYZ color 10.4559, 4.8210,

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

10.4559, 4.8210, 52.6040

Protanopia

5.4466, 4.7640, 20.7112

Deuteranopia

4.5971, 4.8633, 14.8838



Tritanopia

3.3928, 4.8614, 7.0628

Trichromacy



Original Color

10.4559, 4.8210, 52.6040

Protanomaly

6.7620, 4.4003, 30.1987

Deuteranomaly

5.9550, 4.2805, 25.3233

Tritanomaly

4.6267, 3.9657, 17.6611

Monochromacy



Original Color

10.4559, 4.8210, 52.6040

Achromatopsia

2.1076, 2.2174, 2.4147

Achromatomaly

3.2952, 2.3860, 11.5961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4559, 4.8210, 52.6040 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(8, 27, 196)` looks like.

```
.text, #text, p{  
    color:rgb(8, 27, 196)  
}
```

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(8, 27, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 27, 196) }
```

Border

The CSS property to change the border of an element to XYZ 10.4559, 4.8210, 52.6040 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(8, 27, 196) }
```


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

```
.border{ border-color:rgb(8, 27, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 27, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 27, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 27, 196);  
box-shadow:4px 4px 4px 4px rgb(8, 27, 196)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.4559, 4.8210, 52.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 27, 196) }
```

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

```
.background{ background-color: rgb(8, 27,  
196) }
```

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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