

Converting Colors

XYZ(10.4680, 10.2223, 15.3587)

Have a look what the booklet for
XYZ(10.4680, 10.2223, 15.3587)
contains.

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Color

**XYZ(10.4579, 10.2651,
15.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	5B586B
RGB	91, 88, 107
RGB Percent	36%, 35%, 42%
CMY	0.6431, 0.6549, 0.5804
CMYK	0.15, 0.18, 0.00, 0.58
HSL	249°, 10%, 38%
HSV	249°, 18%, 42%
XYZ	10.4579, 10.2651, 15.3401
YIQ	91.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

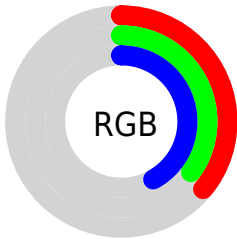
Format	Color
R_{YB}	91, 88, 107
Decimal	5986411
CIE Lab	38.31, 5.48, -10.42
CIE LCh	38, 11.776, 297.730
Yxy	10.2651, 0.2900, 0.2846
Android (android.graphics.Color)	4284176491 (0xFF5B586B)
YUV	91.0630, 7.8569, -0.0553
Hunter-Lab	32.0392, 2.1955, -5.9601

Details

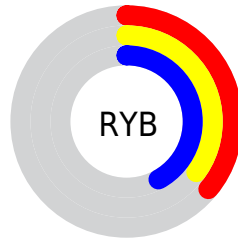
The XYZ color **10.4579, 10.2651, 15.3401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7285, 14.1633, 11.2959**, and the grayscale version is **9.9419, 10.4596, 11.3905**.

A 20% lighter version of the original color is **26.2445, 26.3083, 36.0425**, and **2.7617, 2.6119, 4.6336** is the 20% darker color. If you saturate the color by 10%, you get **8.8077, 8.2050, 15.0296**, and if you desaturate by 10%, it is **12.3444, 12.6389, 15.6990**.

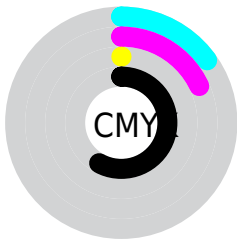
Distribution



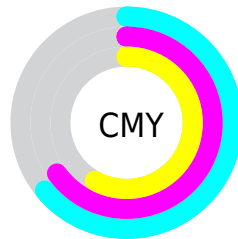
- Red (36%)
- Green (35%)
- Blue (42%)



- Red (36%)
- Yellow (35%)
- Blue (42%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (64%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4579, 10.2651, 15.3401 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 10.4579, 10.2651, 15.3401 by changing the saturation by 10% instead.

■ 10.4579, 10.2651,
15.3401

■ 10.4579, 10.2651,
15.3401

187.8958,
192.5538, 237.1269

■ 5.7682, 5.5751,
8.9092

■ 26.2952, 26.2929,
36.1994

■ 2.7440, 2.5885,
4.5860

■ 38.1735, 38.3996,
51.4649

■ 1.0199, 0.9209,
1.9520

■ 53.1787, 53.7472,
70.5123

■ 0.0000, 0.0000,
0.5255

■ 71.6762, 72.7201,
93.7601

■ 0.0000, 0.0000,
0.0000

■ 94.0313, 95.7029,
121.6270

120.6093,

123.0798, 154.5313

151.7757,
155.2353, 192.8918

■ 10.4579, 10.2651,
15.3401

■ 10.4579, 10.2651,
15.3401

■ 8.8077, 8.2050,
15.0296

■ 12.3444, 12.6389,
15.6990

■ 7.3834, 6.4443,
14.7648

■ 14.4751, 15.3375,
16.1076

■ 6.1755, 4.9693,
14.5438

■ 16.8586, 18.3731,
16.5679

■ 5.1731, 3.7647,
14.3641

■ 19.5029, 21.7567,
17.0816

■ 4.3645, 2.8140,
14.2232

■ 22.4157, 25.4989,
17.6504

■ 3.7370, 2.0987,
14.1182

■ 25.6042, 29.6098,
18.2759

■ 3.2758, 1.5978,
14.0458

■ 29.0754, 34.0992,
18.9595

■ 2.9467, 1.2512,
13.9963

■ 32.8362, 38.9765,
19.7027

■ 2.8830, 1.1797,
13.9858

■ 36.8931, 44.2507,
20.5069

Harmonies

Analogous

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



9.6985, 10.2651, 15.9418



10.4579, 10.2651, 15.3401



11.0553, 10.2651, 13.5828

Triad

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



10.4579, 10.2651, 15.3401



10.5640, 10.2651, 7.9773



8.3582, 10.2651, 11.0108

Complementary

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



10.4579, 10.2651, 15.3401



12.7285, 14.1633, 11.2959

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.



8.5640, 10.2651, 9.0734



10.4579, 10.2651, 15.3401



9.8151, 10.2651, 7.4709

Square

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



10.4579, 10.2651, 15.3401



11.1188, 10.2651, 9.3275



9.0875, 10.2651, 7.8447



8.5106, 10.2651, 13.2560

Rectangle

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



10.4579, 10.2651, 15.3401



11.2672, 10.2651, 12.0972



9.0875, 10.2651, 7.8447



8.3876, 10.2651, 10.3046

Sweetspot

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



10.4582, 10.2655, 15.3403



23.0586, 23.8377, 28.2935



11.6441, 13.0674, 15.8186



5.5337, 5.7097, 6.8392



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.4582, 10.2655, 15.3403



17.5435, 16.9007, 27.2452



11.4382, 10.7707, 15.3862



2.9888, 3.0460, 3.8653



3.4877, 1.4250, 17.0135



17.2739, 7.0046, 86.6678

Inverse Universe

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



12.0522, 11.1052, 14.6056



20.9354, 18.6882, 25.6482



11.7025, 13.6344, 11.2479



3.1981, 3.1561, 3.7733



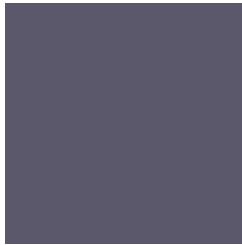
9.6185, 4.6995, 12.1513



48.7470, 23.8408, 60.5299

Previews

White Background



This preview shows how the XYZ color 10.4579, 10.2651, 15.3401 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 × Fail

Black Background



This preview shows how the XYZ color 10.4579, 10.2651, 15.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

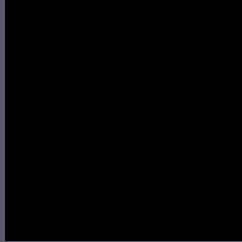
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4579, 10.2651, 15.3401

Background



This preview shows how black text looks on a background with the XYZ color 10.4579, 10.2651, 15.3401.

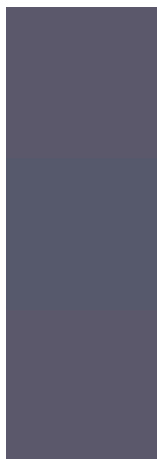


This preview shows how white text looks on a background with the XYZ color 10.4579, 10.2651,

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

10.4579, 10.2651, 15.3401

Protanopia

10.1169, 10.2059, 15.6241

Deuteranopia

10.4579, 10.2651, 15.3401



Tritanopia

9.9337, 10.2992, 12.7737

Trichromacy



Original Color

10.4579, 10.2651, 15.3401

Protanomaly

10.3037, 10.3022, 15.6328

Deuteranomaly

10.4579, 10.2651, 15.3401

Tritanomaly

10.1378, 10.2580, 13.7576

Monochromacy



Original Color

10.4579, 10.2651, 15.3401

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.1282, 10.3995, 12.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4579, 10.2651, 15.3401 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(91, 88, 107) looks like.

```
.text, #text, p{  
    color:rgb(91, 88, 107)  
}
```

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(91, 88, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 88, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.4579, 10.2651, 15.3401 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(91, 88, 107) }
```


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

```
.border{ border-color:rgb(91, 88, 107) }
```

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

Here you see how a box with a 4 pixel rgb(91, 88, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 88, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 88, 107);  
box-shadow:4px 4px 4px 4px rgb(91, 88,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4579, 10.2651, 15.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 88, 107) }
```

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

```
.background{ background-color: rgb(91, 88,  
107) }
```

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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