

Converting Colors

XYZ(8.4987, 10.2308, 2.8760)

Have a look what the booklet for
XYZ(8.4987, 10.2308, 2.8760)
contains.

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Color

**XYZ(8.5778, 10.3338,
2.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5E20
RGB	91, 94, 32
RGB Percent	36%, 37%, 13%
CMY	0.6431, 0.6314, 0.8745
CMYK	0.03, 0.00, 0.66, 0.63
HSL	63°, 49%, 25%
HSV	63°, 66%, 37%
XYZ	8.5778, 10.3338, 2.9090
YIQ	86.0350, 18.1140, -19.9180

Conversions

Conversions Part 2

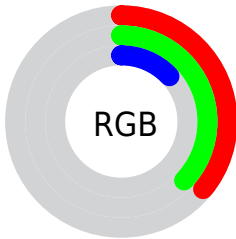
Format	Color
R_YB	32, 94, 35
Decimal	5987872
CIE Lab	38.43, -10.36, 34.06
CIE LCh	38, 35.604, 106.913
Yxy	10.3338, 0.3931, 0.4736
Android (android.graphics.Color)	4284177952 (0xFF5B5E20)
YUV	86.0350, -26.6393, 4.3543
Hunter-Lab	32.1462, -8.6255, 17.1370

Details

The XYZ color **8.5778, 10.3338, 2.9090** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3.2303, 2.1987, 10.8444**, and the grayscale version is **8.9051, 9.3689, 10.2027**.

A 20% lighter version of the original color is **22.7489, 26.3653, 11.4794**, and **2.0532, 2.6275, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **8.4233, 10.2672, 2.3276**, and if you desaturate by 10%, it is **8.7696, 10.4161, 3.6831**.

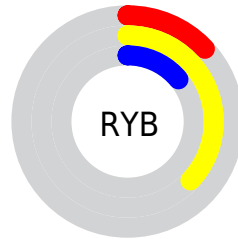
Distribution



 Red (36%)

 Green (37%)

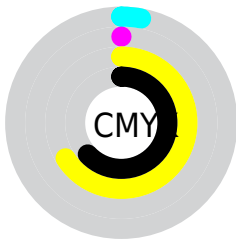
 Blue (13%)



 Red (13%)

 Yellow (37%)

 Blue (14%)

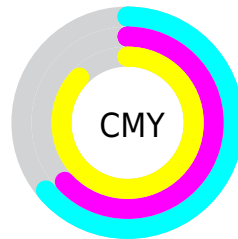


 Cyan (3%)

 Magenta (0%)

 Yellow (66%)

 Black (63%)



 Cyan (64%)

 Magenta (63%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.5778, 10.3338, 2.9090 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 8.5778, 10.3338, 2.9090 by changing the saturation by 10% instead.

8.5778, 10.3338,
2.9090

8.5778, 10.3338,
2.9090

174.4709,
193.0381, 135.1930

4.5217, 5.6208,
1.0484

22.7584, 26.4215,
11.4031

2.0013, 2.6159,
0.0000

33.6135, 38.5650,
18.8735

0.6347, 0.9347,
0.0000

47.4658, 53.9541,
29.0511

0.0000, 0.0000,
0.0000

64.6805, 72.9733,
42.3542

85.6230, 96.0069,
59.2014

110.6587,

123.4393, 80.0112

140.1529,
155.6549, 105.2023

8.5778, 10.3338,
2.9090

8.5778, 10.3338,
2.9090

8.4233, 10.2672,
2.3276

8.7696, 10.4161,
3.6831

8.3020, 10.2136,
1.9215

9.0008, 10.5138,
4.6641

8.2047, 10.1695,
1.6396

9.2741, 10.6284,
5.8657

8.1661, 10.1520,
1.5291

9.5920, 10.7608,
7.3003

9.9565, 10.9120,
8.9791

■ 10.3697, 11.0826,
10.9129

■ 10.8335, 11.2735,
13.1116

■ 11.3496, 11.4854,
15.5848

■ 11.9199, 11.7190,
18.3415

Harmonies

Analogous

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



10.8696, 10.3338, 2.8201



8.5778, 10.3338, 2.9090



6.9051, 10.3338, 4.5753

Triad

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



8.5778, 10.3338, 2.9090



7.0733, 10.3338, 23.4338



14.8525, 10.3338, 14.4075

Complementary

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



8.5778, 10.3338, 2.9090



3.2303, 2.1987, 10.8444

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.



13.4626, 10.3338, 22.4618



8.5778, 10.3338, 2.9090



8.8439, 10.3338, 28.9007

Square

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



8.5778, 10.3338, 2.9090



6.1351, 10.3338, 15.4032



11.1810, 10.3338, 28.4878



14.7509, 10.3338, 7.9225

Rectangle

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



8.5778, 10.3338, 2.9090



6.2563, 10.3338, 6.9403



11.1810, 10.3338, 28.4878



14.5359, 10.3338, 17.0571

Sweetspot

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



8.5780, 10.3343, 2.9092



17.1248, 18.9783, 14.2961



5.4511, 3.6321, 1.7804



4.0759, 4.5362, 3.2987



48.1978, 50.7079, 55.2208



4.4639, 4.6964, 5.1144

Same Dimension

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



8.5780, 10.3343, 2.9092



14.6248, 17.9226, 3.6486



6.1841, 9.1002, 2.7972



2.4910, 2.6818, 2.5127



11.2868, 14.0399, 2.1151



61.5872, 76.7702, 11.5721

Inverse Universe

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



3.2303, 2.1987, 10.8444



4.4473, 2.4227, 18.7758



4.7216, 2.9675, 10.9142



2.2307, 2.2863, 2.8982



2.8619, 1.1524, 14.7237



15.4525, 6.1977, 80.6176

Previews

White Background



This preview shows how the XYZ color 8.5778, 10.3338, 2.9090 looks on a white background.

Color Contrast Check

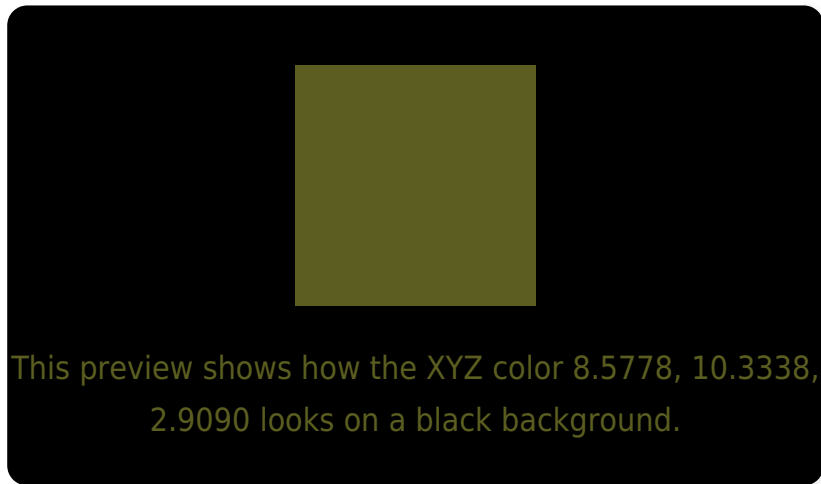
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 8.5778, 10.3338, 2.9090

Background



This preview shows how black text looks on a background with the XYZ color 8.5778, 10.3338, 2.9090.



This preview shows how white text looks on a background with the XYZ color 8.5778, 10.3338,

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

8.5778, 10.3338, 2.9090

Protanopia

9.3552, 10.3478, 2.8006

Deuteranopia

10.4412, 10.2876, 3.0255



Tritanopia

10.4850, 10.3471, 12.2710

Trichromacy



Original Color

8.5778, 10.3338, 2.9090

Protanomaly

9.0042, 10.2946, 2.8088

Deuteranomaly

9.6868, 10.2635, 2.9839

Tritanomaly

9.5452, 10.2131, 7.5991

Monochromacy



Original Color

8.5778, 10.3338, 2.9090

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.5802, 9.6128, 6.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.5778, 10.3338, 2.9090 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, 94, 32)` looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 32)  
}
```

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, 94, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 32) }
```

Border

The CSS property to change the border of an element to XYZ 8.5778, 10.3338, 2.9090 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, 94, 32) }
```


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

```
.border{ border-color:rgb(91, 94, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 32);  
box-shadow:4px 4px 4px 4px rgb(91, 94, 32)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.5778, 10.3338, 2.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 32) }
```

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

```
.background{ background-color: rgb(91, 94,  
32) }
```

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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