

Converting Colors

XYZ(30.3354, 32.7290, 51.2565)

Have a look what the booklet for
XYZ(30.3354, 32.7290, 51.2565)
contains.

XYZ(30.2957, 32.7447, 51.1780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2957, 32.7447,
51.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	829EBA
RGB	130, 158, 186
RGB Percent	51%, 62%, 73%
CMY	0.4902, 0.3804, 0.2706
CMYK	0.30, 0.15, 0.00, 0.27
HSL	210°, 29%, 62%
HSV	210°, 30%, 73%
XYZ	30.2957, 32.7447, 51.1780
YIQ	152.8200, -25.6760, 2.7720

Conversions

Conversions Part 2

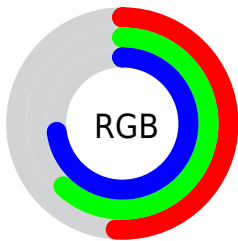
Format	Color
R _Y B	130, 149, 186
Decimal	8560314
CIE Lab	63.95, -3.08, -17.65
CIE LCh	64, 17.918, 260.100
Yxy	32.7447, 0.2652, 0.2867
Android (android.graphics.Color)	4286750394 (0xFF829EBA)
YUV	152.8200, 16.3577, -20.0131
Hunter-Lab	57.2230, -5.6365, -12.9706

Details

The XYZ color **30.2957, 32.7447, 51.1780** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.5063, 36.5049, 26.2420**, and the grayscale version is **30.1400, 31.7096, 34.5318**.

A 20% lighter version of the original color is **59.5884, 64.1897, 93.2536**, and **12.7158, 13.8711, 24.1975** is the 20% darker color. If you saturate the color by 10%, you get **26.1699, 28.3520, 50.5481**, and if you desaturate by 10%, it is **35.0593, 37.6459, 51.8735**.

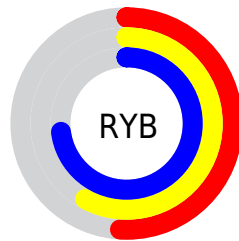
Distribution



Red (51%)

Green (62%)

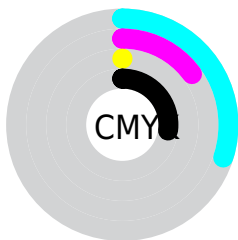
Blue (73%)



Red (51%)

Yellow (58%)

Blue (73%)

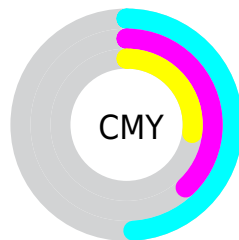


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2957, 32.7447, 51.1780 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 30.2957, 32.7447, 51.1780 by changing the saturation by 10% instead.

■ 30.2957, 32.7447,
51.1780

■ 30.2957, 32.7447,
51.1780

295.1655,
314.4978, 408.1212

■ 20.2123, 21.9309,
35.9726

■ 59.5129, 63.9767,
93.3320

■ 12.6586, 13.8062,
24.1235

■ 79.3775, 85.1638,
121.1177

■ 7.2693, 7.9860,
15.2122

■ 103.2331,
110.5774, 153.9339

■ 3.6789, 4.0860,
8.8202

131.4453,
140.6020, 192.1991

■ 1.5221, 1.7218,
4.5289

164.3792,
175.6219, 236.3319

■ 0.3408, 0.4377,
1.9197

202.4003,

■ 0.0000, 0.0000,

216.0216, 286.7509

0.5052

245.8740,
262.1854, 343.8744

■ 0.0000, 0.0000,
0.0000

■ 30.2957, 32.7447,
51.1780

■ 30.2957, 32.7447,
51.1780

■ 26.1699, 28.3520,
50.5481

■ 35.0593, 37.6459,
51.8735

■ 22.6484, 24.4445,
49.9795

■ 40.4860, 43.0702,
52.6345

■ 19.6992, 21.0021,
49.4705

■ 46.6031, 49.0362,
53.4636

■ 17.2854, 18.0018,
49.0186

■ 53.4358, 55.5602,
54.3628

■ 15.3657, 15.4179,
48.6211

■ 61.0076, 62.6581,
55.3337

■ 13.8916, 13.2208,
48.2747

■ 69.3411, 70.3447,
56.3782

■ 12.7778, 11.3747,
47.9770

■ 76.5176, 77.6343,
57.4070

■ 79.0724, 82.7440,
58.2586

■ 81.7659, 88.1309,
59.1564

Harmonies

Analogous

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



28.1116, 32.7447, 47.4183



30.2957, 32.7447, 51.1780



32.8212, 32.7447, 50.3682

Triad

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



30.2957, 32.7447, 51.1780



35.9079, 32.7447, 31.0857



27.5452, 32.7447, 27.4583

Complementary

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



30.2957, 32.7447, 51.1780



36.5063, 36.5049, 26.2420

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.



29.4841, 32.7447, 24.1261



30.2957, 32.7447, 51.1780



34.3418, 32.7447, 26.0157

Square

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



30.2957, 32.7447, 51.1780



36.1542, 32.7447, 38.0974



31.9649, 32.7447, 23.6363



26.5814, 32.7447, 33.3162

Rectangle

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



30.2957, 32.7447, 51.1780



34.3557, 32.7447, 47.3804



31.9649, 32.7447, 23.6363



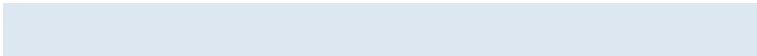
28.0995, 32.7447, 26.0411

Sweetspot

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



30.2967, 32.7460, 51.1788



74.3892, 79.0589, 95.5406



32.8571, 42.3009, 38.3621



16.0437, 17.0767, 20.9931



90.7827, 95.5105, 104.0109



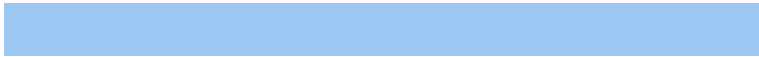
18.6292, 19.5994, 21.3438

Same Dimension

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



30.2967, 32.7460, 51.1788



49.9321, 54.0829, 92.0087



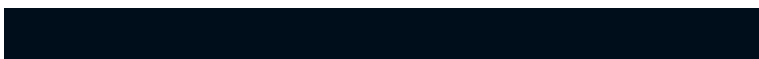
26.1770, 24.5066, 49.8055



8.8821, 9.4415, 11.4337



8.6714, 7.8024, 32.3021



0.3676, 0.3988, 1.1594

Inverse Universe

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



34.4047, 28.8739, 36.1090



58.6997, 46.4847, 59.6968



41.6425, 46.7773, 27.9541



9.1868, 9.0851, 10.3313



14.9906, 7.5700, 7.8372



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 30.2957, 32.7447, 51.1780 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 30.2957, 32.7447, 51.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

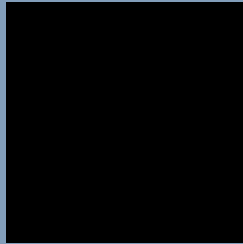
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

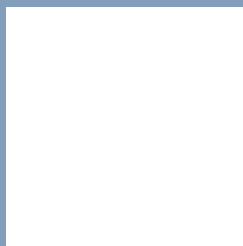
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2957, 32.7447, 51.1780

Background



This preview shows how black text looks on a background with the XYZ color 30.2957, 32.7447, 51.1780.



This preview shows how white text looks on a background with the XYZ color 30.2957, 32.7447,

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

30.2957, 32.7447, 51.1780

Protanopia

32.3329, 32.5909, 49.3863

Deuteranopia

33.1731, 32.4934, 51.5371



Tritanopia

28.8660, 32.6708, 44.3198

Trichromacy



Original Color

30.2957, 32.7447, 51.1780

Protanomaly

31.5284, 32.6542, 49.9886

Deuteranomaly

32.2023, 32.7188, 51.6318

Tritanomaly

29.3361, 32.5998, 46.8657

Monochromacy



Original Color

30.2957, 32.7447, 51.1780

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1899, 32.1790, 40.2173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2957, 32.7447, 51.1780 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(130, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 158, 186)  
}
```

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(130, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 158, 186) }
```

Border

The CSS property to change the border of an element to XYZ 30.2957, 32.7447, 51.1780 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(130, 158, 186) }
```


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

```
.border{ border-color:rgb(130, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 158,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2957, 32.7447, 51.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 158, 186) }
```

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

```
.background{ background-color: rgb(130,  
158, 186) }
```

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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