

Converting Colors

XYZ(30.5932, 31.5215, 53.9066)

Have a look what the booklet for
XYZ(30.5932, 31.5215, 53.9066)
contains.

XYZ(30.6267, 31.6124, 53.7778)	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(30.6267, 31.6124,
53.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	8699BF
RGB	134, 153, 191
RGB Percent	53%, 60%, 75%
CMY	0.4745, 0.4000, 0.2510
CMYK	0.30, 0.20, 0.00, 0.25
HSL	220°, 31%, 64%
HSV	220°, 30%, 75%
XYZ	30.6267, 31.6124, 53.7778
YIQ	151.6510, -23.5220, 7.7900

Conversions

Conversions Part 2

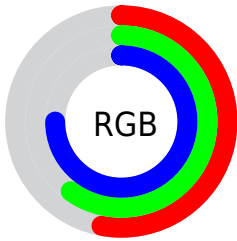
Format	Color
RYB	134, 148, 191
Decimal	8821183
CIELab	63.02, 2.18, -21.85
CIElCh	63, 21.957, 275.692
Yxy	31.6124, 0.2640, 0.2725
Android (android.graphics.Color)	4287011263 (0xFF8699BF)
YUV	151.6510, 19.3991, -15.4799
Hunter-Lab	56.2249, -1.1615, -17.3521

Details

The XYZ color **30.6267, 31.6124, 53.7778** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.5419, 42.3029, 28.5836**, and the grayscale version is **29.6219, 31.1646, 33.9382**.

A 20% lighter version of the original color is **59.8404, 62.0324, 96.8152**, and **12.8340, 13.1479, 25.5283** is the 20% darker color. If you saturate the color by 10%, you get **25.8791, 26.2351, 52.9906**, and if you desaturate by 10%, it is **36.1486, 37.7205, 54.6663**.

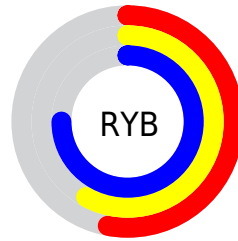
Distribution



Red (53%)

Green (60%)

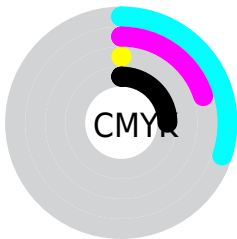
Blue (75%)



Red (53%)

Yellow (58%)

Blue (75%)

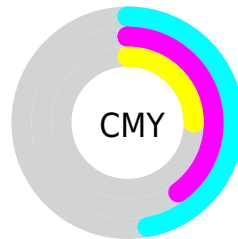


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6267, 31.6124, 53.7778 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 30.6267, 31.6124, 53.7778 by changing the saturation by 10% instead.

■ 30.6267, 31.6124,
53.7778

■ 30.6267, 31.6124,
53.7778

296.6725,
309.3498, 418.4128

■ 20.4652, 21.0656,
38.0321

■ 60.0317, 62.2030,
97.2010

■ 12.8439, 13.1720,
25.7056

■ 80.0059, 83.0155,
125.7156

■ 7.3974, 7.5471,
16.3797

■ 103.9818,
108.0188, 159.3236

■ 3.7604, 3.8065,
9.6360

132.3246,
137.5972, 198.4434

■ 1.5675, 1.5659,
5.0558

165.3997,
172.1351, 243.4937

■ 0.3711, 0.3345,
2.2208

203.5725,

■ 0.0000, 0.0000,

212.0169, 294.8930

0.6863

247.2083,
257.6270, 353.0599

■ 0.0000, 0.0000,
0.0000

■ 30.6267, 31.6124,
53.7778

■ 30.6267, 31.6124,
53.7778

■ 25.8791, 26.2351,
52.9906

■ 36.1486, 37.7205,
54.6663

■ 21.8661, 21.5556,
52.2989

■ 42.4757, 44.5830,
55.6574

■ 18.5491, 17.5439,
51.6994

■ 49.6410, 52.2271,
56.7552

■ 15.8843, 14.1660,
51.1879

■ 57.6747, 60.6773,
57.9629

■ 13.8226, 11.3845,
50.7596

■ 66.6053, 69.9572,
59.2834

■ 12.3069, 9.1568,
50.4095

■ 76.4600, 80.0893,
60.7196

■ 11.2340, 7.4160,
50.1301

■ 82.4361, 88.6057,
62.0485

■ 11.2190, 7.3914,
50.1261

■ 86.3617, 96.4568,
63.3570

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



27.7176, 31.6124, 51.9236



30.6267, 31.6124, 53.7778



33.5660, 31.6124, 49.7826

Triad

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



30.6267, 31.6124, 53.7778



35.0174, 31.6124, 25.5955



25.0560, 31.6124, 28.0146

Complementary

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



30.6267, 31.6124, 53.7778



40.5419, 42.3029, 28.5836

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.



26.7823, 31.6124, 22.5966



30.6267, 31.6124, 53.7778



32.5026, 31.6124, 21.3726

Square

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



30.6267, 31.6124, 53.7778



36.2076, 31.6124, 32.7961



29.4739, 31.6124, 20.3745



24.6274, 31.6124, 36.0977

Rectangle

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



30.6267, 31.6124, 53.7778



35.1066, 31.6124, 44.6782



29.4739, 31.6124, 20.3745



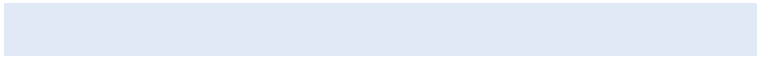
25.4978, 31.6124, 25.8669

Sweetspot

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



30.6277, 31.6136, 53.7785



76.9218, 80.7593, 99.8130



35.8185, 45.2728, 45.4045



16.5008, 17.3140, 21.8576



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.6277, 31.6136, 53.7785



48.9836, 49.9983, 95.3480



29.1798, 26.6122, 52.8895



9.2694, 9.7311, 12.0619



7.4398, 4.9913, 32.9642



0.3528, 0.3183, 1.3117

Inverse Universe

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



35.7615, 30.4274, 34.1266



59.8359, 48.0257, 53.6863



42.3324, 48.9834, 29.7787



9.6578, 9.5874, 10.5871



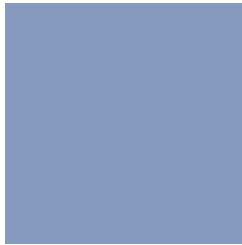
14.7560, 7.5336, 4.0089



0.6090, 0.3075, 0.3202

Previews

White Background



This preview shows how the XYZ color 30.6267, 31.6124, 53.7778 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 30.6267, 31.6124, 53.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

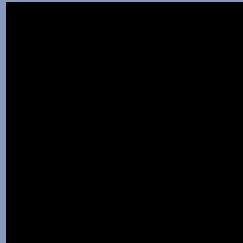
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

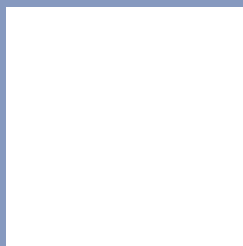
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6267, 31.6124, 53.7778

Background



This preview shows how black text looks on a background with the XYZ color 30.6267, 31.6124, 53.7778.



This preview shows how white text looks on a background with the XYZ color 30.6267, 31.6124,

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

30.6267, 31.6124, 53.7778

Protanopia

31.5796, 31.6470, 52.5882

Deuteranopia

32.2945, 31.5037, 54.2479



Tritanopia

28.2717, 31.6456, 42.1543

Trichromacy



Original Color

30.6267, 31.6124, 53.7778

Protanomaly

31.3377, 31.7496, 53.1918

Deuteranomaly

31.5761, 31.3692, 54.2598

Tritanomaly

29.1844, 31.7766, 46.1903

Monochromacy



Original Color

30.6267, 31.6124, 53.7778

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7882, 31.2294, 40.5343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6267, 31.6124, 53.7778 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(134, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 191)  
}
```

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(134, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 191) }
```

Border

The CSS property to change the border of an element to XYZ 30.6267, 31.6124, 53.7778 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(134, 153, 191) }
```


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

```
.border{ border-color:rgb(134, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6267, 31.6124, 53.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 191) }
```

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

```
.background{ background-color: rgb(134,  
153, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor