

Converting Colors

XYZ(31.1368, 30.5496, 37.5666)

Have a look what the booklet for
XYZ(31.1368, 30.5496, 37.5666)
contains.

XYZ(31.1213, 30.5694, 37.5179)	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(31.1213, 30.5694,
37.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	A092A0
RGB	160, 146, 160
RGB Percent	63%, 57%, 63%
CMY	0.3725, 0.4274, 0.3725
CMYK	0.00, 0.09, 0.00, 0.37
HSL	300°, 7%, 60%
HSV	300°, 9%, 63%
XYZ	31.1213, 30.5694, 37.5179
YIQ	151.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

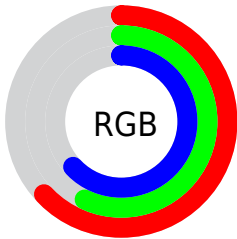
Format	Color
R_{YB}	160, 146, 160
Decimal	10523296
CIE Lab	62.14, 7.80, -5.49
CIE LCh	62, 9.537, 324.889
Yxy	30.5694, 0.3137, 0.3081
Android (android.graphics.Color)	4288713376 (0xFFA092A0)
YUV	151.7820, 4.0515, 7.2072
Hunter-Lab	55.2896, 3.7169, -1.5297

Details

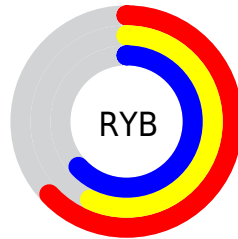
The XYZ color **31.1213, 30.5694, 37.5179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6144, 33.3289, 32.0681**, and the grayscale version is **29.7337, 31.2822, 34.0663**.

A 20% lighter version of the original color is **60.9443, 60.6619, 72.7868**, and **13.1275, 12.6580, 16.2193** is the 20% darker color. If you saturate the color by 10%, you get **28.8258, 25.9780, 36.7528**, and if you desaturate by 10%, it is **33.7638, 35.8538, 38.3994**.

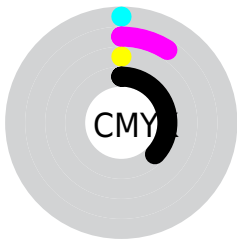
Distribution



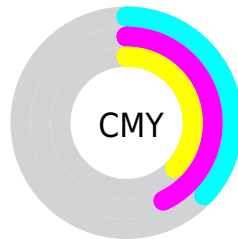
- Red (63%)
- Green (57%)
- Blue (63%)



- Red (63%)
- Yellow (57%)
- Blue (63%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (37%)



- Cyan (37%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1213, 30.5694, 37.5179 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 31.1213, 30.5694, 37.5179 by changing the saturation by 10% instead.

■ 31.1213, 30.5694,
37.5179

■ 31.1213, 30.5694,
37.5179

298.9137,
304.5496, 350.7833

■ 20.8435, 20.2712,
25.3098

■ 60.8055, 60.5615,
72.5638

■ 13.1215, 12.5923,
16.0869

■ 80.9427, 81.0242,
96.2387

■ 7.5898, 7.1484,
9.4306

105.0970,
105.6438, 124.5729

■ 3.8832, 3.5551,
4.9225

133.6339,
134.8047, 157.9851

■ 1.6363, 1.4279,
2.1439

166.9186,
168.8913, 196.8936

■ 0.4159, 0.2372,
0.6417

205.3166,

■ 0.0000, 0.0000,

208.2881, 241.7172

0.0000

249.1932,
253.3794, 292.8742

■ 31.1213, 30.5694,
37.5179

■ 31.1213, 30.5694,
37.5179

■ 28.8258, 25.9780,
36.7528

■ 33.7638, 35.8538,
38.3994

■ 26.8603, 22.0472,
36.0974

■ 36.7640, 41.8542,
39.3997

■ 25.2106, 18.7477,
35.5472

■ 40.1356, 48.5973,
40.5238

■ 23.8601, 16.0468,
35.0968

■ 43.8906, 56.1072,
41.7758

■ 22.7909, 13.9085,
34.7401

■ 48.0406, 64.4070,
43.1593

■ 21.9831, 12.2931,
34.4706

■ 52.5965, 73.5189,
44.6783

■ 21.4145, 11.1559,
34.2808

■ 56.6031, 81.5320,
46.0141

■ 21.0587, 10.4444,
34.1619

■ 56.6032, 81.5320,
46.0143

■ 20.8640, 10.0551,
34.0968

■ 56.6032, 81.5320,
46.0146

Harmonies

Analogous

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



30.1064, 30.5694, 40.1170



31.1213, 30.5694, 37.5179



31.5834, 30.5694, 33.9185

Triad

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



31.1213, 30.5694, 37.5179



29.2757, 30.5694, 26.7296



26.8736, 30.5694, 36.3490

Complementary

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



31.1213, 30.5694, 37.5179



29.6144, 33.3289, 32.0681

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.



26.6658, 30.5694, 32.6592



31.1213, 30.5694, 37.5179



28.0290, 30.5694, 27.2762

Square

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



31.1213, 30.5694, 37.5179



30.4980, 30.5694, 27.8313



27.0828, 30.5694, 29.3829



27.6588, 30.5694, 39.4081

Rectangle

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



31.1213, 30.5694, 37.5179



31.5062, 30.5694, 31.5016



27.0828, 30.5694, 29.3829



26.7349, 30.5694, 35.1342

Sweetspot

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



31.1222, 30.5707, 37.5186



59.1589, 60.8085, 69.0056



28.4794, 29.2083, 37.3951



12.8922, 13.1719, 15.1065



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



31.1222, 30.5707, 37.5186



55.8676, 54.2259, 67.9081



30.5269, 30.3326, 34.3839



6.9042, 6.7546, 8.3465



16.2355, 7.7988, 26.5547



0.2903, 0.1394, 0.4748

Inverse Universe

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



31.1222, 30.5707, 37.5186



55.8676, 54.2259, 67.9081



30.1757, 33.5534, 35.0241



6.9042, 6.7546, 8.3465



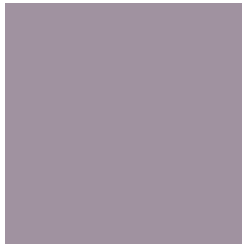
16.2355, 7.7988, 26.5547



0.2903, 0.1394, 0.4748

Previews

White Background



This preview shows how the XYZ color 31.1213, 30.5694, 37.5179 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 31.1213, 30.5694, 37.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

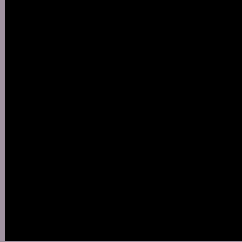
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1213, 30.5694, 37.5179

Background



This preview shows how black text looks on a background with the XYZ color 31.1213, 30.5694, 37.5179.



This preview shows how white text looks on a background with the XYZ color 31.1213, 30.5694,

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

31.1213, 30.5694, 37.5179

Protanopia

29.6635, 30.4931, 38.5047

Deuteranopia

31.1213, 30.5694, 37.5179



Tritanopia

30.9476, 30.5000, 36.6037

Trichromacy



Original Color

31.1213, 30.5694, 37.5179

Protanomaly

30.1598, 30.5253, 38.0206

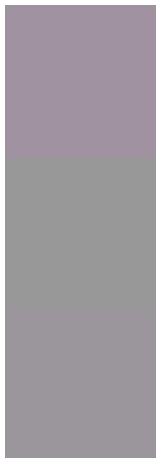
Deuteranomaly

31.1213, 30.5694, 37.5179

Tritanomaly

31.0341, 30.5346, 37.0590

Monochromacy



Original Color

31.1213, 30.5694, 37.5179

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3403, 31.1478, 35.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1213, 30.5694, 37.5179 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(160, 146, 160)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 160)  
}
```

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(160, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 160) }
```

Border

The CSS property to change the border of an element to XYZ 31.1213, 30.5694, 37.5179 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(160, 146, 160) }
```


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

```
.border{ border-color:rgb(160, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 160);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1213, 30.5694, 37.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 160) }
```

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

```
.background{ background-color: rgb(160,  
146, 160) }
```

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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