

Converting Colors

XYZ(34.1737, 31.6573, 21.3525)

Have a look what the booklet for
XYZ(34.1737, 31.6573, 21.3525)
contains.

XYZ(34.1782, 31.6012, 21.4378)	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(34.1782, 31.6012,
21.4378)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8E76
RGB	190, 142, 118
RGB Percent	75%, 56%, 46%
CMY	0.2549, 0.4431, 0.5373
CMYK	0.00, 0.25, 0.38, 0.25
HSL	20°, 36%, 60%
HSV	20°, 38%, 75%
XYZ	34.1782, 31.6012, 21.4378
YIQ	153.6160, 36.3120, 2.7120

Conversions

Conversions Part 2

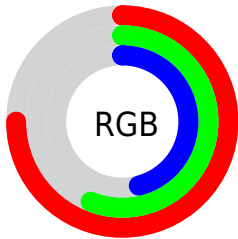
Format	Color
RYB	190, 154, 118
Decimal	12488310
CIELab	63.01, 14.99, 19.88
CIElCh	63, 24.893, 52.984
Yxy	31.6012, 0.3919, 0.3623
Android (android.graphics.Color)	4290678390 (0xFFBE8E76)
YUV	153.6160, -17.5587, 31.9088
Hunter-Lab	56.2149, 10.1503, 16.7400

Details

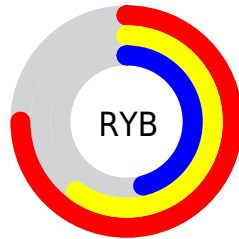
The XYZ color **34.1782, 31.6012, 21.4378** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.4011, 34.8402, 53.8376**, and the grayscale version is **30.6109, 32.2051, 35.0714**.

A 20% lighter version of the original color is **65.7070, 62.3386, 46.5996**, and **14.8930, 13.2349, 7.3999** is the 20% darker color. If you saturate the color by 10%, you get **31.3824, 27.6382, 15.4854**, and if you desaturate by 10%, it is **37.4172, 36.0865, 28.6607**.

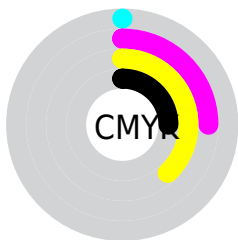
Distribution



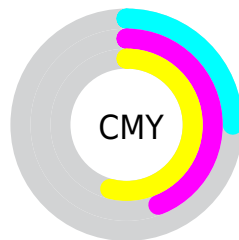
- Red (75%)
- Green (56%)
- Blue (46%)



- Red (75%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (25%)





- Cyan (25%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1782, 31.6012, 21.4378 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 34.1782, 31.6012, 21.4378 by changing the saturation by 10% instead.


 34.1782, 31.6012,
21.4378


 34.1782, 31.6012,
21.4378


312.4979,
309.2986, 272.4532


 23.1941, 21.0571,
13.2500


 65.5531, 62.1854,
46.7052

 14.8584, 13.1657,
7.4682


 86.6747, 82.9942,
64.6220

 8.8057, 7.5428,
3.6737


 111.9060,
107.9934, 86.6188

 4.6708, 3.8038,
1.4481

141.6126,
137.5673, 113.1143

 2.0882, 1.5644,
0.1788

176.1597,
172.1004, 144.5269

 0.6828, 0.3334,
0.0000

215.9127,

 0.0000, 0.0000,

211.9771, 181.2752

0.0000

261.2370,
257.5817, 223.7778

■ 34.1782, 31.6012,
21.4378

■ 34.1782, 31.6012,
21.4378

■ 31.3824, 27.6382,
15.4854

■ 37.4172, 36.0865,
28.6607

■ 29.0066, 24.1731,
10.7267

■ 41.1164, 41.1082,
37.2206

■ 27.0287, 21.1864,
7.0799


■ 45.2947, 46.6855,
47.1820


■ 25.4236, 18.6553,
4.4515


■ 49.9693, 52.8351,
58.6041


■ 24.1626, 16.5546,
2.7325


■ 55.1565, 59.5732,
71.5433


 23.2060, 14.8538,
1.7589

 60.8717, 66.9152,
86.0524

 23.0318, 14.5405,
1.5927

 67.1297, 74.8759,
102.1821

 71.4343, 82.4654,
106.7602

 75.0451, 89.6871,
107.9638

Harmonies

Analogous

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



36.5165, 31.6012, 27.5560



34.1782, 31.6012, 21.4378



30.8477, 31.6012, 18.8771

Triad

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



34.1782, 31.6012, 21.4378



23.9618, 31.6012, 32.1554



32.6819, 31.6012, 54.8585

Complementary

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



34.1782, 31.6012, 21.4378



30.4011, 34.8402, 53.8376

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.



29.2387, 31.6012, 56.7303



34.1782, 31.6012, 21.4378



24.3715, 31.6012, 42.3118

Square

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



34.1782, 31.6012, 21.4378



25.0780, 31.6012, 24.2559



26.2428, 31.6012, 51.7739



35.6078, 31.6012, 47.0594

Rectangle

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



34.1782, 31.6012, 21.4378



28.5803, 31.6012, 19.1066



26.2428, 31.6012, 51.7739



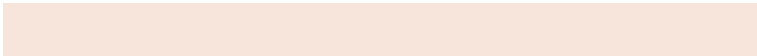
31.5402, 31.6012, 56.2557

Sweetspot

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



34.1790, 31.6027, 21.4384



79.4965, 81.1691, 79.2857



34.5967, 26.6575, 39.3985



17.2258, 17.5162, 16.8584



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.



34.1790, 31.6027, 21.4384



57.9010, 51.5621, 30.2091



40.4256, 44.0959, 23.5206



9.7831, 10.0422, 9.9993



15.3801, 9.7991, 1.0808



0.6638, 0.5066, 0.0628

Inverse Universe

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



30.4011, 34.8402, 53.8376



50.1089, 58.1869, 96.8693



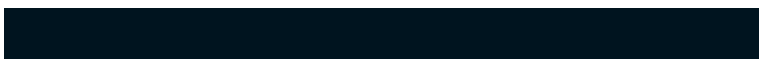
24.7484, 23.5349, 51.9534



9.5333, 10.2589, 12.1499



11.2716, 12.6549, 34.2415



0.4993, 0.6113, 1.3605

Previews

White Background



This preview shows how the XYZ color 34.1782, 31.6012, 21.4378 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 34.1782, 31.6012, 21.4378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

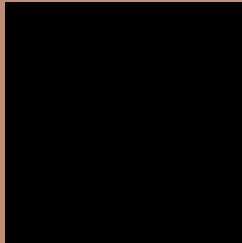
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1782, 31.6012, 21.4378

Background



This preview shows how black text looks on a background with the XYZ color 34.1782, 31.6012, 21.4378.



This preview shows how white text looks on a background with the XYZ color 34.1782, 31.6012,

21.4378.

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

34.1782, 31.6012, 21.4378

Protanopia

29.7037, 31.5679, 23.2666

Deuteranopia

32.2350, 31.7355, 21.2562



Tritanopia

36.4261, 31.6525, 32.2067

Trichromacy



Original Color

34.1782, 31.6012, 21.4378

Protanomaly

31.0544, 31.3309, 22.4999

Deuteranomaly

32.8647, 31.6024, 21.1973

Tritanomaly

35.4862, 31.4778, 27.8724

Monochromacy



Original Color

34.1782, 31.6012, 21.4378

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.6504, 31.9513, 29.6984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1782, 31.6012, 21.4378 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(190, 142, 118)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 118)  
}
```

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(190, 142, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 118) }
```

Border

The CSS property to change the border of an element to XYZ 34.1782, 31.6012, 21.4378 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(190, 142, 118) }
```


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

```
.border{ border-color:rgb(190, 142, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 118);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1782, 31.6012, 21.4378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 118) }
```

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

```
.background{ background-color: rgb(190,  
142, 118) }
```

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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