

Converting Colors

XYZ(35.6848, 35.1586, 22.6748)

Have a look what the booklet for
XYZ(35.6848, 35.1586, 22.6748)
contains.

XYZ(35.6848, 35.1586, 22.6748)	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(35.6848, 35.1586,
22.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9A78
RGB	188, 154, 120
RGB Percent	74%, 60%, 47%
CMY	0.2627, 0.3961, 0.5294
CMYK	0.00, 0.18, 0.36, 0.26
HSL	30°, 34%, 60%
HSV	30°, 36%, 74%
XYZ	35.6848, 35.1586, 22.6748
YIQ	160.2900, 31.1780, -3.3660

Conversions

Conversions Part 2

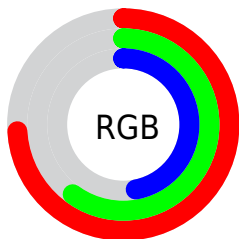
Format	Color
RYB	188, 188, 120
Decimal	12360312
CIELab	65.87, 7.81, 22.61
CIELCh	66, 23.922, 70.949
Yxy	35.1586, 0.3816, 0.3760
Android (android.graphics.Color)	4290550392 (0xFFBC9A78)
YUV	160.2900, -19.8630, 24.3017
Hunter-Lab	59.2947, 3.6594, 18.8333

Details

The XYZ color **35.6848, 35.1586, 22.6748** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3781, 30.7342, 52.0136**, and the grayscale version is **33.6269, 35.3781, 38.5268**.

A 20% lighter version of the original color is **67.6585, 67.5028, 48.4931**, and **15.6604, 15.1420, 8.0585** is the 20% darker color. If you saturate the color by 10%, you get **33.1632, 31.7655, 16.7472**, and if you desaturate by 10%, it is **38.5537, 38.8876, 29.8242**.

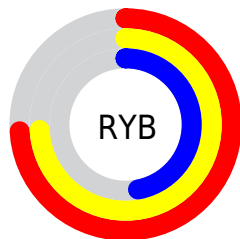
Distribution



Red (74%)

Green (60%)

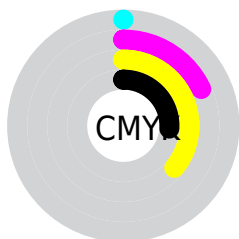
Blue (47%)



Red (74%)

Yellow (74%)

Blue (47%)

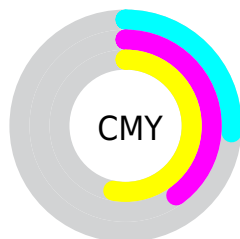


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6848, 35.1586, 22.6748 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 35.6848, 35.1586, 22.6748 by changing the saturation by 10% instead.


 35.6848, 35.1586,
22.6748


 35.6848, 35.1586,
22.6748


319.0361,
325.2678, 279.1179


 24.3598, 23.7851,
14.1505


 67.8723, 67.7314,
48.7752

 15.7269, 15.1743,
8.0855


 89.4656, 89.6994,
67.1884

 9.4208, 8.9418,
4.0611


 115.2124,
115.9678, 89.7350

 5.0759, 4.7032,
1.6589

145.4780,
146.9208, 116.8336

 2.3271, 2.0742,
0.3324

180.6279,
182.9430, 148.9026

 0.8085, 0.6501,
0.0000

221.0272,

 0.0000, 0.0000,

224.4186, 186.3606

0.0000

267.0415,
271.7321, 229.6262

■ 35.6848, 35.1586,
22.6748

■ 35.6848, 35.1586,
22.6748

■ 33.1632, 31.7655,
16.7472

■ 38.5537, 38.8876,
29.8242

■ 30.9702, 28.6924,
11.9688

■ 41.7821, 42.9578,
38.2577

■ 29.0895, 25.9297,
8.2630


■ 45.3846, 47.3804,
48.0362


■ 27.5016, 23.4646,
5.5423


■ 49.3742, 52.1646,
59.2157


■ 26.1843, 21.2835,
3.7054


■ 53.7633, 57.3194,
71.8494


 25.1099, 19.3700,
2.6221

 58.5637, 62.8533,
85.9874

 24.7427, 18.6987,
2.3051

 63.7866, 68.7744,
101.6776

 66.8626, 74.0585,
105.3784

 69.5371, 79.4074,
106.2699

Harmonies

Analogous

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



38.8172, 35.1586, 26.8906



35.6848, 35.1586, 22.6748



32.1430, 35.1586, 22.1766

Triad

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



35.6848, 35.1586, 22.6748



27.1794, 35.1586, 42.0986



38.0718, 35.1586, 54.9433

Complementary

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



35.6848, 35.1586, 22.6748



28.3781, 30.7342, 52.0136

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.



34.7246, 35.1586, 60.7454



35.6848, 35.1586, 22.6748



28.5428, 35.1586, 52.5063

Square

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



35.6848, 35.1586, 22.6748



27.3965, 35.1586, 32.2740



31.2477, 35.1586, 59.7823



40.2611, 35.1586, 44.9923

Rectangle

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



35.6848, 35.1586, 22.6748



30.0427, 35.1586, 23.8987



31.2477, 35.1586, 59.7823



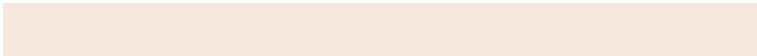
37.0353, 35.1586, 57.5166

Sweetspot

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



35.6857, 35.1602, 22.6755



78.8951, 81.7728, 77.8674



33.2885, 26.4578, 33.9245



16.7774, 17.3529, 16.2343



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.



35.6857, 35.1602, 22.6755



61.1738, 59.0321, 32.8021



42.1126, 48.0140, 24.8178



9.9137, 10.3033, 10.0429



16.9205, 12.8798, 1.5942



0.7282, 0.6354, 0.0843

Inverse Universe

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



28.3781, 30.7342, 52.0136



46.0733, 49.8860, 93.4268



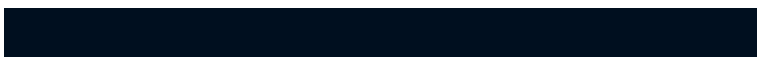
23.5397, 21.0573, 50.4008



9.3999, 9.9922, 12.1055



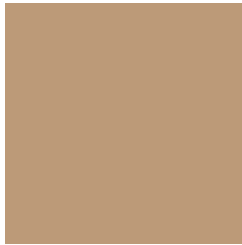
8.9791, 8.0699, 33.4773



0.4171, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 35.6848, 35.1586, 22.6748 looks on a white background.

Color Contrast Check

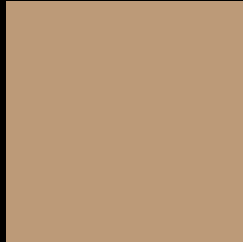
Large Text (above 18pt) WCAG AA × Fail

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 35.6848, 35.1586, 22.6748 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 35.6848, 35.1586, 22.6748

Background



This preview shows how black text looks on a background with the XYZ color 35.6848, 35.1586, 22.6748.



This preview shows how white text looks on a background with the XYZ color 35.6848, 35.1586,

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

35.6848, 35.1586, 22.6748

Protanopia

32.9405, 35.2296, 23.8027

Deuteranopia

35.9320, 35.2861, 22.6864



Tritanopia

38.8308, 35.2394, 38.0130

Trichromacy



Original Color

35.6848, 35.1586, 22.6748

Protanomaly

33.8712, 35.2060, 23.4226

Deuteranomaly

35.9320, 35.2861, 22.6864

Tritanomaly

37.6633, 35.2539, 31.6077

Monochromacy



Original Color

35.6848, 35.1586, 22.6748

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9153, 35.0441, 31.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6848, 35.1586, 22.6748 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(188, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 120)  
}
```

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(188, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 120) }
```

Border

The CSS property to change the border of an element to XYZ 35.6848, 35.1586, 22.6748 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(188, 154, 120) }
```


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

```
.border{ border-color:rgb(188, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6848, 35.1586, 22.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 120) }
```

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

```
.background{ background-color: rgb(188,  
154, 120) }
```

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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