

Converting Colors

XYZ(35.8208, 32.2281, 21.4722)

Have a look what the booklet for
XYZ(35.8208, 32.2281, 21.4722)
contains.

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Color

**XYZ(35.8208, 32.2281,
21.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	C58D76
RGB	197, 141, 118
RGB Percent	77%, 55%, 46%
CMY	0.2275, 0.4470, 0.5373
CMYK	0.00, 0.28, 0.40, 0.23
HSL	17°, 41%, 62%
HSV	17°, 40%, 77%
XYZ	35.8208, 32.2281, 21.4722
YIQ	155.1220, 40.7590, 4.7190

Conversions

Conversions Part 2

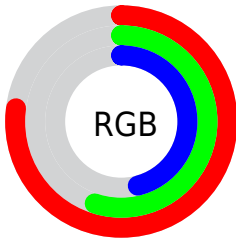
Format	Color
RYB	197, 150, 118
Decimal	12946806
CIELab	63.53, 18.36, 20.71
CIELCh	64, 27.674, 48.447
Yxy	32.2281, 0.4001, 0.3600
Android (android.graphics.Color)	4291136886 (0xFFC58D76)
YUV	155.1220, -18.3011, 36.7270
Hunter-Lab	56.7698, 13.2834, 17.3134

Details

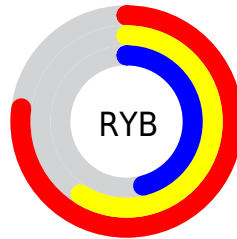
The XYZ color **35.8208, 32.2281, 21.4722** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.6845, 38.1531, 58.4647**, and the grayscale version is **31.2763, 32.9051, 35.8337**.

A 20% lighter version of the original color is **68.0108, 63.1925, 46.6430**, and **15.7998, 13.5746, 7.4176** is the 20% darker color. If you saturate the color by 10%, you get **32.8395, 27.9474, 15.2935**, and if you desaturate by 10%, it is **39.3078, 37.1289, 29.0263**.

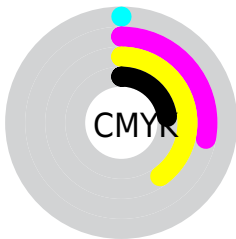
Distribution



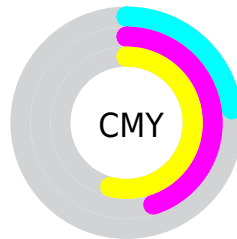
- Red (77%)
- Green (55%)
- Blue (46%)



- Red (77%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8208, 32.2281, 21.4722 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 35.8208, 32.2281, 21.4722 by changing the saturation by 10% instead.


 35.8208, 32.2281,
21.4722


 35.8208, 32.2281,
21.4722


319.6215,
312.1570, 272.6404


 24.4653, 21.5358,
13.2750


 68.0811, 63.1685,
46.7630

 15.8057, 13.5162,
7.4852


 89.7165, 84.1854,
64.6938

 9.4768, 7.7850,
3.6844


 115.5094,
109.4126, 86.7061

 5.1130, 3.9577,
1.4538

145.8249,
139.2345, 113.2185

 2.3492, 1.6499,
0.1832

181.0286,
174.0355, 144.6496

 0.8196, 0.3909,
0.0000

221.4857,

 0.0000, 0.0000,

214.2000, 181.4180

0.0000

267.5615,
260.1123, 223.9421

■ 35.8208, 32.2281,
21.4722

■ 35.8208, 32.2281,
21.4722

■ 32.8395, 27.9474,
15.2935

■ 39.3078, 37.1289,
29.0263

■ 30.3366, 24.2568,
10.4044

■ 43.3213, 42.6690,
38.0308

■ 28.2855, 21.1306,
6.7121


■ 47.8837, 48.8725,
48.5574


■ 26.6559, 18.5390,
4.1105


■ 53.0153, 55.7608,
60.6726


■ 25.4130, 16.4495,
2.4744


■ 58.7355, 63.3543,
74.4387

 24.5072, 14.8329,
1.5714

 65.0627, 71.6726,
89.9151

 71.8689, 80.6764,
106.3919

 76.1104, 89.1593,
107.8058

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



38.2217, 32.2281, 28.7885



35.8208, 32.2281, 21.4722



32.1418, 32.2281, 18.1201

Triad

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



35.8208, 32.2281, 21.4722



23.9234, 32.2281, 31.0055



33.0397, 32.2281, 59.3497

Complementary

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



35.8208, 32.2281, 21.4722



32.6845, 38.1531, 58.4647

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.



29.1700, 32.2281, 60.2932



35.8208, 32.2281, 21.4722



24.1197, 32.2281, 42.2520

Square

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



35.8208, 32.2281, 21.4722



25.4090, 32.2281, 22.8006



25.9699, 32.2281, 53.5120



36.5254, 32.2281, 51.1544

Rectangle

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



35.8208, 32.2281, 21.4722



29.5550, 32.2281, 17.9917



25.9699, 32.2281, 53.5120



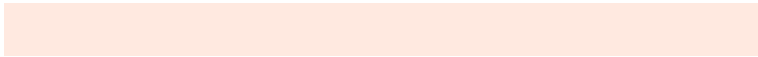
31.7345, 32.2281, 60.5806

Sweetspot

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



35.8216, 32.2297, 21.4728



83.9758, 85.1174, 82.8091



37.2047, 27.9075, 43.7861



17.7359, 17.8955, 17.1715



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.8216, 32.2297, 21.4728



59.4935, 51.0374, 28.7612



42.5937, 45.7737, 23.7302



10.8813, 11.1318, 11.1379



16.1828, 9.8828, 1.0546



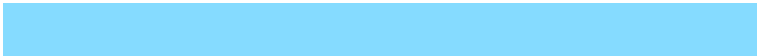
0.8300, 0.5954, 0.0712

Inverse Universe

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



32.6845, 38.1531, 58.4647



53.0847, 63.0237, 103.9747



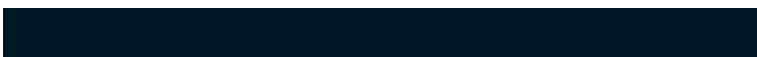
26.2297, 25.2436, 56.3131



10.6758, 11.5256, 13.5795



12.8369, 15.0678, 36.9762



0.6680, 0.8339, 1.7709

Previews

White Background



This preview shows how the XYZ color 35.8208, 32.2281, 21.4722 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 35.8208, 32.2281, 21.4722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

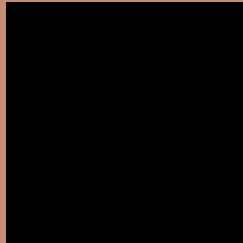
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8208, 32.2281, 21.4722

Background



This preview shows how black text looks on a background with the XYZ color 35.8208, 32.2281, 21.4722.



This preview shows how white text looks on a background with the XYZ color 35.8208, 32.2281,

21.4722.

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

35.8208, 32.2281, 21.4722

Protanopia

30.5035, 32.4590, 23.7263

Deuteranopia

32.8568, 32.2879, 21.3301



Tritanopia

38.0315, 32.2773, 31.8294

Trichromacy



Original Color

35.8208, 32.2281, 21.4722

Protanomaly

32.1648, 32.1301, 22.9188

Deuteranomaly

33.8298, 32.0999, 21.2425

Tritanomaly

37.0856, 32.0966, 27.5332

Monochromacy



Original Color

35.8208, 32.2281, 21.4722

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.3664, 32.3117, 30.1221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8208, 32.2281, 21.4722 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(197, 141, 118)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 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(197, 141, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 118) }
```

Border

The CSS property to change the border of an element to XYZ 35.8208, 32.2281, 21.4722 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(197, 141, 118) }
```


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

```
.border{ border-color:rgb(197, 141, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 141, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 118);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8208, 32.2281, 21.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 118) }
```

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

```
.background{ background-color: rgb(197,  
141, 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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