

Converting Colors

XYZ(30.6469, 22.6050, 18.0683)

Have a look what the booklet for
XYZ(30.6469, 22.6050, 18.0683)
contains.

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Color

**XYZ(30.8008, 22.7407,
18.0952)**

Conversions

Conversions Part 1

Format	Color
Hex	C56770
RGB	197, 103, 112
RGB Percent	77%, 40%, 44%
CMY	0.2275, 0.5961, 0.5608
CMYK	0.00, 0.48, 0.43, 0.23
HSL	354°, 45%, 59%
HSV	354°, 48%, 77%
XYZ	30.8008, 22.7407, 18.0952
YIQ	132.1320, 53.1350, 22.7270

Conversions

Conversions Part 2

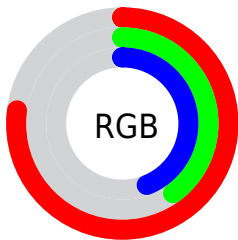
Format	Color
RYB	197, 103, 112
Decimal	12937072
CIELab	54.80, 38.24, 12.12
CIELCh	55, 40.118, 17.580
Yxy	22.7407, 0.4300, 0.3174
Android (android.graphics.Color)	4291127152 (0xFFC56770)
YUV	132.1320, -9.9251, 56.8892
Hunter-Lab	47.6872, 31.8392, 10.8831

Details

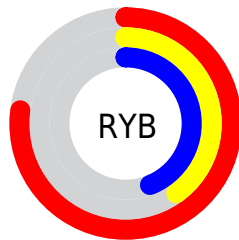
The XYZ color **30.8008, 22.7407, 18.0952** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6381, 46.4473, 54.7195**, and the grayscale version is **22.0017, 23.1475, 25.2076**.

A 20% lighter version of the original color is **59.8293, 47.7173, 41.1790**, and **12.9686, 8.4016, 5.7886** is the 20% darker color. If you saturate the color by 10%, you get **28.1713, 18.9152, 12.7996**, and if you desaturate by 10%, it is **34.0893, 27.5701, 24.5791**.

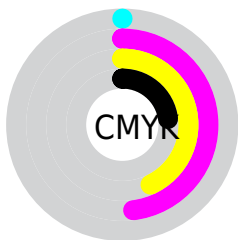
Distribution



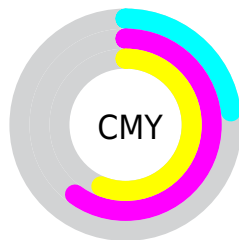
- Red (77%)
- Green (40%)
- Blue (44%)



- Red (77%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (23%)





- Cyan (23%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8008, 22.7407, 18.0952 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 30.8008, 22.7407, 18.0952 by changing the saturation by 10% instead.


 30.8008, 22.7407,
18.0952


 30.8008, 22.7407,
18.0952


297.4628,
266.3904, 253.6612

 20.5983, 14.4022,
10.8482


 60.3043, 47.9672,
41.0156


 12.9415, 8.4009,
5.8520


 80.3360, 65.6240,
57.5261

 7.4650, 4.3525,
2.6879


 104.3748, 87.1556,
77.9615

 3.8035, 1.8727,
0.9374

 132.7861,
112.9464, 102.7404

 1.5916, 0.5319,
0.0000

165.9351,
143.3810, 132.2812

 0.3869, 0.0000,
0.0000

204.1874,

 0.0000, 0.0000,

178.8435, 167.0026

0.0000

247.9082,
219.7185, 207.3231

■ 30.8008, 22.7407,
18.0952

■ 30.8008, 22.7407,
18.0952

■ 28.1713, 18.9152,
12.7996

■ 34.0893, 27.5701,
24.5791

■ 26.1546, 16.0198,
8.6189

■ 38.0755, 33.4638,
32.3161

■ 24.7010, 13.9758,
5.4733


■ 42.7970, 40.4812,
41.3681


■ 23.7525, 12.6904,
3.2718


■ 48.2885, 48.6765,
51.7922


■ 23.2287, 12.0297,
1.9044


■ 54.5821, 58.1004,
63.6422

 23.1421, 11.9168,
1.6899

 61.7084, 68.8007,
76.9692

 69.6962, 80.8224,
91.8215

 76.7586, 90.5793,
107.6405

 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.



31.0530, 22.7407, 30.3909



30.8008, 22.7407, 18.0952



27.8890, 22.7407, 10.7581

Triad

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



30.8008, 22.7407, 18.0952



15.9128, 22.7407, 11.6745



19.8325, 22.7407, 57.0707

Complementary

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



30.8008, 22.7407, 18.0952



34.6381, 46.4473, 54.7195

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.



16.3594, 22.7407, 47.5073



30.8008, 22.7407, 18.0952



14.3130, 22.7407, 19.8728

Square

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



30.8008, 22.7407, 18.0952



19.1407, 22.7407, 8.0186



14.4644, 22.7407, 32.8900



24.2924, 22.7407, 56.0839

Rectangle

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



30.8008, 22.7407, 18.0952



25.0309, 22.7407, 8.3557



14.4644, 22.7407, 32.8900



18.5237, 22.7407, 54.8766

Sweetspot

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



30.8014, 22.7419, 18.0956



79.9309, 77.3921, 80.3370



35.5696, 24.3736, 55.6530



16.6645, 15.9031, 16.3505



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.



30.8014, 22.7419, 18.0956



50.3885, 33.7806, 22.7874



34.9409, 31.7827, 17.1267



10.6744, 10.6532, 11.2687



15.2359, 7.8439, 1.1863



0.7358, 0.3772, 0.1321

Inverse Universe

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



30.8014, 22.7419, 18.0956



50.3885, 33.7806, 22.7874



28.1397, 31.8500, 57.4876



10.6744, 10.6532, 11.2687



15.2359, 7.8439, 1.1863



0.7358, 0.3772, 0.1321

Previews

White Background



This preview shows how the XYZ color 30.8008, 22.7407, 18.0952 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8008, 22.7407, 18.0952 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 × Fail

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

XYZ 30.8008, 22.7407, 18.0952

Background



This preview shows how black text looks on a background with the XYZ color 30.8008, 22.7407, 18.0952.



This preview shows how white text looks on a background with the XYZ color 30.8008, 22.7407,

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

30.8008, 22.7407, 18.0952

Protanopia

21.9387, 22.9158, 23.3456

Deuteranopia

23.4330, 23.0338, 17.3983



Tritanopia

30.7454, 22.7185, 17.8036

Trichromacy



Original Color

30.8008, 22.7407, 18.0952

Protanomaly

24.4508, 22.3490, 21.4374

Deuteranomaly

25.6009, 22.4960, 17.4608

Tritanomaly

30.7454, 22.7185, 17.8036

Monochromacy



Original Color

30.8008, 22.7407, 18.0952

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.2493, 22.2233, 22.4135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8008, 22.7407, 18.0952 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, 103, 112)` looks like.

```
.text, #text, p{  
    color:rgb(197, 103, 112)  
}
```

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, 103, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 103, 112) }
```

Border

The CSS property to change the border of an element to XYZ 30.8008, 22.7407, 18.0952 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, 103, 112) }
```


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

```
.border{ border-color:rgb(197, 103, 112) }
```

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

Here you see how a box with a 4 pixel rgb(197, 103, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 103, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 103, 112);  
box-shadow:4px 4px 4px 4px rgb(197, 103,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8008, 22.7407, 18.0952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 103, 112) }
```

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

```
.background{ background-color: rgb(197,  
103, 112) }
```

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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