

Converting Colors

XYZ(30.2862, 22.8563, 13.4335)

Have a look what the booklet for
XYZ(30.2862, 22.8563, 13.4335)
contains.

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Color

**XYZ(30.3607, 22.9171,
13.4129)**

Conversions

Conversions Part 1

Format	Color
Hex	C6695E
RGB	198, 105, 94
RGB Percent	78%, 41%, 37%
CMY	0.2235, 0.5882, 0.6314
CMYK	0.00, 0.47, 0.53, 0.22
HSL	6°, 48%, 57%
HSV	6°, 53%, 78%
XYZ	30.3607, 22.9171, 13.4129
YIQ	131.5530, 58.9590, 16.2950

Conversions

Conversions Part 2

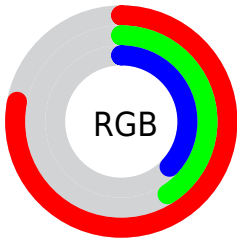
Format	Color
RYB	198, 106, 94
Decimal	13003102
CIELab	54.99, 35.81, 22.88
CIELCh	55, 42.497, 32.570
Yxy	22.9171, 0.4552, 0.3436
Android (android.graphics.Color)	4291193182 (0xFFC6695E)
YUV	131.5530, -18.5136, 58.2740
Hunter-Lab	47.8718, 29.4305, 16.8982

Details

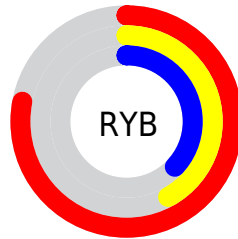
The XYZ color **30.3607, 22.9171, 13.4129** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **32.5784, 41.9953, 59.8148**, and the grayscale version is **21.8216, 22.9580, 25.0012**.

A 20% lighter version of the original color is **58.5009, 47.7273, 32.5145**, and **12.7149, 8.5212, 3.7709** is the 20% darker color. If you saturate the color by 10%, you get **27.9641, 19.3682, 8.7786**, and if you desaturate by 10%, it is **33.3617, 27.3104, 19.3733**.

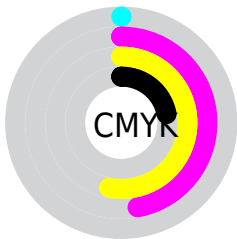
Distribution



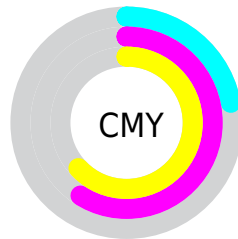
- Red (78%)
- Green (41%)
- Blue (37%)



- Red (78%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (53%)
- Black (22%)



- Cyan (22%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3607, 22.9171, 13.4129 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 30.3607, 22.9171, 13.4129 by changing the saturation by 10% instead.

30.3607, 22.9171,
13.4129

30.3607, 22.9171,
13.4129

295.4619,
267.2989, 224.8472

20.2620, 14.5323,
7.5794

59.6149, 48.2572,
32.7456

12.6950, 8.4918,
3.7431

79.5010, 65.9812,
47.0819

7.2944, 4.4112,
1.4855

103.3803, 87.5872,
65.0896

3.6948, 1.9062,
0.2071

131.6181,
113.4594, 87.1871

1.5310, 0.5521,
0.0000

164.5799,
143.9823, 113.7931

0.3468, 0.0000,
0.0000

202.6308,

0.0000, 0.0000,

179.5402, 145.3261

0.0000

246.1364,
220.5177, 182.2046

■ 30.3607, 22.9171,
13.4129

■ 30.3607, 22.9171,
13.4129

■ 27.9641, 19.3682,
8.7786

■ 33.3617, 27.3104,
19.3733

■ 26.1290, 16.6059,
5.3677

■ 37.0028, 32.5937,
26.7495

■ 24.8093, 14.5711,
3.0641

■ 41.3190, 38.8137,
35.6249

■ 23.9509, 13.1944,
1.7290

■ 46.3420, 46.0127,
46.0759

■ 23.5560, 12.5403,
1.1790

■ 52.1017, 54.2306,
58.1740

■ 58.6262, 63.5048,
71.9860

■ 65.9421, 73.8711,
87.5751

■ 74.0749, 85.3634,
105.0013

■ 77.0987, 90.7457,
108.0599

Harmonies

Analogous

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



32.1649, 22.9171, 23.8055



30.3607, 22.9171, 13.4129



26.2362, 22.9171, 8.2621

Triad

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



30.3607, 22.9171, 13.4129



14.6788, 22.9171, 14.7921



22.1915, 22.9171, 60.9676

Complementary

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



30.3607, 22.9171, 13.4129



32.5784, 41.9953, 59.8148

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.



17.8629, 22.9171, 55.8632



30.3607, 22.9171, 13.4129



13.9151, 22.9171, 26.1364

Square

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



30.3607, 22.9171, 13.4129



17.2525, 22.9171, 8.8325



14.9938, 22.9171, 41.7236



27.0422, 22.9171, 53.8925

Rectangle

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



30.3607, 22.9171, 13.4129



22.9769, 22.9171, 7.0344



14.9938, 22.9171, 41.7236



20.6293, 22.9171, 60.6197

Sweetspot

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



30.3613, 22.9183, 13.4133



78.6090, 76.5369, 74.3823



36.3255, 23.6249, 49.9966



16.4265, 15.8101, 15.0903



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.



30.3613, 22.9183, 13.4133



48.9988, 33.5199, 14.5597



37.2648, 36.7254, 15.7145



10.7227, 10.8146, 11.0850



15.3499, 8.2170, 0.7770



0.7581, 0.4517, 0.0472

Inverse Universe

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



32.5784, 41.9953, 59.8148



53.2766, 70.7672, 105.4592



23.5572, 23.9529, 56.8078



10.8471, 11.8684, 13.6366



16.8969, 23.1877, 38.3295



0.8283, 1.1544, 1.8243

Previews

White Background



This preview shows how the XYZ color 30.3607, 22.9171, 13.4129 looks on a white background.

Color Contrast Check

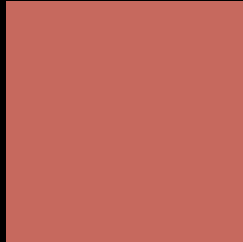
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3607, 22.9171, 13.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

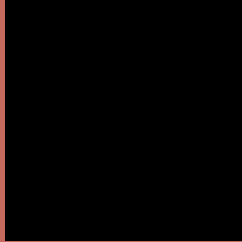
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3607, 22.9171, 13.4129

Background



This preview shows how black text looks on a background with the XYZ color 30.3607, 22.9171, 13.4129.



This preview shows how white text looks on a background with the XYZ color 30.3607, 22.9171,

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

30.3607, 22.9171, 13.4129

Protanopia

21.6680, 23.1186, 16.9560

Deuteranopia

23.4069, 22.9290, 12.8649



Tritanopia

31.2179, 22.9684, 17.5398

Trichromacy



Original Color

30.3607, 22.9171, 13.4129

Protanomaly

24.0557, 22.4554, 15.6368

Deuteranomaly

25.6003, 22.5964, 12.9098

Tritanomaly

31.0022, 23.0422, 15.9103

Monochromacy



Original Color

30.3607, 22.9171, 13.4129

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.9398, 22.2950, 20.1811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3607, 22.9171, 13.4129 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(198, 105, 94)` looks like.

```
.text, #text, p{  
    color:rgb(198, 105, 94)  
}
```

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(198, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 105, 94) }
```

Border

The CSS property to change the border of an element to XYZ 30.3607, 22.9171, 13.4129 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(198, 105, 94) }
```


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

```
.border{ border-color:rgb(198, 105, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 105, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(198, 105,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3607, 22.9171, 13.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 105, 94) }
```

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

```
.background{ background-color: rgb(198,  
105, 94) }
```

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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