

Converting Colors

XYZ(28.7539, 21.4723, 12.7398)

Have a look what the booklet for
XYZ(28.7539, 21.4723, 12.7398)
contains.

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Color

**XYZ(28.8336, 21.5494,
12.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	C2655C
RGB	194, 101, 92
RGB Percent	76%, 40%, 36%
CMY	0.2392, 0.6039, 0.6392
CMYK	0.00, 0.48, 0.53, 0.24
HSL	5°, 46%, 56%
HSV	5°, 53%, 76%
XYZ	28.8336, 21.5494, 12.7650
YIQ	127.7810, 58.3170, 16.9170

Conversions

Conversions Part 2

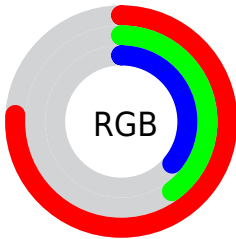
Format	Color
RYB	194, 102, 92
Decimal	12739932
CIELab	53.55, 36.20, 22.02
CIElCh	54, 42.369, 31.315
Yxy	21.5494, 0.4566, 0.3413
Android (android.graphics.Color)	4290930012 (0xFFC2655C)
YUV	127.7810, -17.6400, 58.0741
Hunter-Lab	46.4213, 29.6341, 16.1913

Details

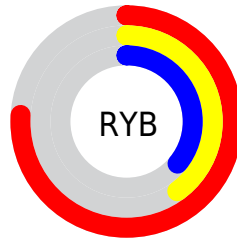
The XYZ color **28.8336, 21.5494, 12.7650** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **31.4992, 40.8662, 57.2666**, and the grayscale version is **20.4876, 21.5545, 23.4729**.

A 20% lighter version of the original color is **57.3111, 46.1350, 31.4755**, and **11.8303, 7.7991, 3.4666** is the 20% darker color. If you saturate the color by 10%, you get **26.5552, 18.1804, 8.3438**, and if you desaturate by 10%, it is **31.6998, 25.7466, 18.4538**.

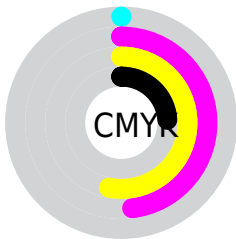
Distribution



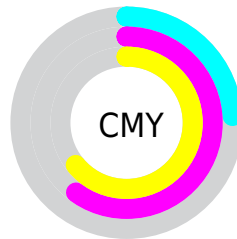
- Red (76%)
- Green (40%)
- Blue (36%)



- Red (76%)
- Yellow (40%)
- Blue (36%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8336, 21.5494, 12.7650 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 28.8336, 21.5494, 12.7650 by changing the saturation by 10% instead.

 28.8336, 21.5494,
12.7650


 28.8336, 21.5494,
12.7650


288.4374,
260.1840, 220.5607


 19.0986, 13.5262,
7.1381


 57.2120, 46.0001,
31.5659


 11.8460, 7.7919,
3.4689


 76.5861, 63.1964,
45.5770

 6.7103, 3.9621,
1.3387


 99.9040, 84.2192,
63.2199

 3.3263, 1.6524,
0.0932

 127.5310,
109.4528, 84.9132

 1.3286, 0.3925,
0.0000

159.8325,
139.2817, 111.0754

 0.2045, 0.0000,
0.0000

197.1739,

 0.0000, 0.0000,

174.0903, 142.1250

0.0000

239.9204,
214.2629, 178.4806

■ 28.8336, 21.5494,
12.7650

■ 28.8336, 21.5494,
12.7650

■ 26.5552, 18.1804,
8.3438

■ 31.6998, 25.7466,
18.4538

■ 24.8221, 15.5817,
5.0918

■ 35.1892, 30.8183,
25.4959

■ 23.5886, 13.6930,
2.8981

■ 39.3361, 36.8113,
33.9711

■ 22.8009, 12.4437,
1.6300

■ 44.1720, 43.7684,
43.9526

■ 22.4505, 11.8741,
1.1087

■ 49.7263, 51.7292,
55.5085

■ 56.0268, 60.7315,
68.7029

■ 63.0997, 70.8111,
83.5961

■ 70.9700, 82.0018,
100.2457

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



30.4492, 21.5494, 22.8973



28.8336, 21.5494, 12.7650



24.9399, 21.5494, 7.7086

Triad

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



28.8336, 21.5494, 12.7650



13.7688, 21.5494, 13.4354



20.6821, 21.5494, 58.1480

Complementary

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



28.8336, 21.5494, 12.7650



31.4992, 40.8662, 57.2666

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.



16.5899, 21.5494, 52.7464



28.8336, 21.5494, 12.7650



12.9686, 21.5494, 24.0392

Square

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



28.8336, 21.5494, 12.7650



16.2916, 21.5494, 7.9836



13.9223, 21.5494, 38.9106



25.3357, 21.5494, 51.7727

Rectangle

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



28.8336, 21.5494, 12.7650



21.8216, 21.5494, 6.4646



13.9223, 21.5494, 38.9106



19.1985, 21.5494, 57.6393

Sweetspot

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



28.8341, 21.5505, 12.7654



76.6587, 74.4552, 72.6567



34.8851, 22.6477, 48.7089



16.3829, 15.7229, 15.0758



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.



28.8341, 21.5505, 12.7654



47.6064, 32.1860, 14.1540



35.3272, 34.5366, 14.9297



10.1431, 10.2177, 10.4995



14.7870, 7.8598, 0.7377



0.6638, 0.3893, 0.0402

Inverse Universe

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



31.4992, 40.8662, 57.2666



52.8913, 70.7928, 103.3465



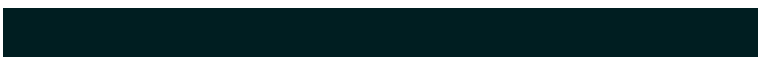
22.7458, 23.3593, 54.3488



10.2901, 11.2714, 12.9181



16.7532, 23.2630, 37.1638



0.7466, 1.0505, 1.6133

Previews

White Background



This preview shows how the XYZ color 28.8336, 21.5494, 12.7650 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 28.8336, 21.5494, 12.7650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

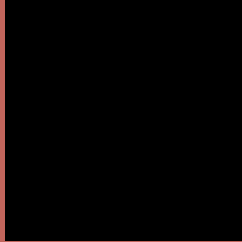
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8336, 21.5494, 12.7650

Background



This preview shows how black text looks on a background with the XYZ color 28.8336, 21.5494, 12.7650.



This preview shows how white text looks on a background with the XYZ color 28.8336, 21.5494,

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

28.8336, 21.5494, 12.7650

Protanopia

20.3712, 21.6721, 16.2062

Deuteranopia

21.9813, 21.6428, 12.2515



Tritanopia

29.5690, 21.5664, 16.2399

Trichromacy



Original Color

28.8336, 21.5494, 12.7650

Protanomaly

22.6833, 21.0451, 14.9232

Deuteranomaly

24.0824, 21.3076, 12.2947

Tritanomaly

29.4118, 21.6560, 14.9418

Monochromacy



Original Color

28.8336, 21.5494, 12.7650

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.5218, 20.8701, 19.0610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8336, 21.5494, 12.7650 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(194, 101, 92)` looks like.

```
.text, #text, p{  
    color:rgb(194, 101, 92)  
}
```

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(194, 101, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 101, 92) }
```

Border

The CSS property to change the border of an element to XYZ 28.8336, 21.5494, 12.7650 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(194, 101, 92) }
```


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

```
.border{ border-color:rgb(194, 101, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 101, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 101, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 101, 92);  
box-shadow:4px 4px 4px 4px rgb(194, 101,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8336, 21.5494, 12.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 101, 92) }
```

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

```
.background{ background-color: rgb(194,  
101, 92) }
```

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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