

Converting Colors

XYZ(28.3124, 22.5859, 8.6616)

Have a look what the booklet for
XYZ(28.3124, 22.5859, 8.6616)
contains.

XYZ(28.3124, 22.5859, 8.6616)	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(28.3124, 22.5859,
8.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	C06D46
RGB	192, 109, 70
RGB Percent	75%, 43%, 27%
CMY	0.2471, 0.5725, 0.7255
CMYK	0.00, 0.43, 0.64, 0.25
HSL	19°, 49%, 51%
HSV	19°, 64%, 75%
XYZ	28.3124, 22.5859, 8.6616
YIQ	129.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

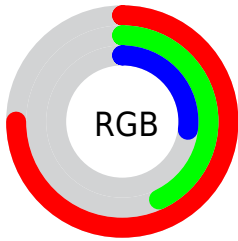
Format	Color
RYB	192, 127, 70
Decimal	12610886
CIELab	54.64, 29.43, 35.78
CIElCh	55, 46.330, 50.566
Yxy	22.5859, 0.4754, 0.3792
Android (android.graphics.Color)	4290800966 (0xFFC06D46)
YUV	129.3710, -29.2699, 54.9256
Hunter-Lab	47.5246, 23.1718, 22.4613

Details

The XYZ color **28.3124, 22.5859, 8.6616** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **23.4308, 27.8889, 54.0173**, and the grayscale version is **21.0813, 22.1792, 24.1531**.

A 20% lighter version of the original color is **56.2195, 47.5171, 23.6614**, and **11.6122, 8.3660, 1.8669** is the 20% darker color. If you saturate the color by 10%, you get **26.5091, 19.7992, 5.5335**, and if you desaturate by 10%, it is **30.5176, 25.8666, 12.8798**.

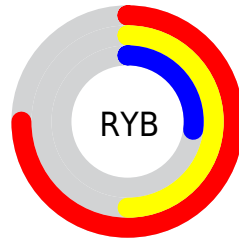
Distribution



Red (75%)

Green (43%)

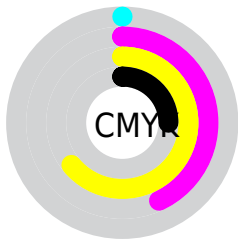
Blue (27%)



Red (75%)

Yellow (50%)

Blue (27%)

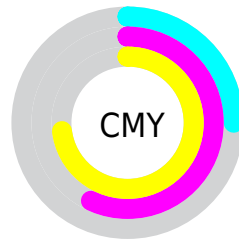


Cyan (0%)

Magenta (43%)

Yellow (64%)

Black (25%)



Cyan (25%)


Magenta (57%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3124, 22.5859, 8.6616 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 28.3124, 22.5859, 8.6616 by changing the saturation by 10% instead.


 28.3124, 22.5859,
8.6616


 28.3124, 22.5859,
8.6616


286.0098,
265.5909, 190.9572


 18.7029, 14.2880,
4.4273


 56.3880, 47.7125,
23.8128

 11.5586, 8.3213,
1.8626


 75.5848, 65.3100,
35.5669


 6.5139, 4.3012,
0.4688


 98.7081, 86.7762,
50.6646

 3.2036, 1.8434,
0.0000

 126.1233,
112.4954, 69.5245

 1.2623, 0.5140,
0.0000

 158.1957,
142.8521, 92.5652

 0.1548, 0.0000,
0.0000

195.2907,

 0.0000, 0.0000,

178.2306, 120.2052

0.0000

237.7736,
219.0155, 152.8630

■ 28.3124, 22.5859,
8.6616

■ 28.3124, 22.5859,
8.6616

■ 26.5091, 19.7992,
5.5335

■ 30.5176, 25.8666,
12.8798

■ 25.0778, 17.4771,
3.3899

■ 33.1483, 29.6615,
18.2777

■ 23.9860, 15.5919,
2.1062

■ 36.2280, 33.9939,
24.9367

■ 23.4275, 14.5851,
1.5804

■ 39.7779, 38.8845,
32.9309

■ 43.8178, 44.3529,
42.3284

■ 48.3663, 50.4176,
53.1926

■ 53.4409, 57.0963,
65.5833

■ 59.0583, 64.4059,
79.5565

■ 65.2345, 72.3629,
95.1657

Harmonies

Analogous

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



32.0107, 22.5859, 15.9927



28.3124, 22.5859, 8.6616



23.1138, 22.5859, 5.9971

Triad

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



28.3124, 22.5859, 8.6616



13.1791, 22.5859, 20.2729



25.0966, 22.5859, 61.3357

Complementary

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



28.3124, 22.5859, 8.6616



23.4308, 27.8889, 54.0173

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.



19.9007, 22.5859, 63.9635



28.3124, 22.5859, 8.6616



13.5377, 22.5859, 35.8262

Square

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



28.3124, 22.5859, 8.6616



14.7535, 22.5859, 10.7266



15.8252, 22.5859, 53.2586



29.9597, 22.5859, 47.0719

Rectangle

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



28.3124, 22.5859, 8.6616



19.7201, 22.5859, 6.0347



15.8252, 22.5859, 53.2586



23.3146, 22.5859, 63.7817

Sweetspot

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



28.3129, 22.5871, 8.6620



75.0665, 74.5248, 66.5659



29.7086, 17.8990, 32.1852



15.6636, 15.3894, 13.2623



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.3129, 22.5871, 8.6620



47.0041, 34.2326, 8.4018



37.1498, 40.2609, 11.6076



10.3302, 10.5919, 10.5618



15.8272, 9.9401, 1.0844



0.7471, 0.5560, 0.0679

Inverse Universe

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



23.4308, 27.8889, 54.0173



37.3379, 44.3282, 96.9486



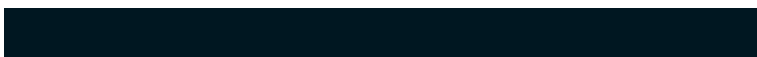
15.8993, 12.8260, 51.5068



10.0882, 10.8678, 12.8508



11.9017, 13.5598, 35.5466



0.5742, 0.7058, 1.5558

Previews

White Background



This preview shows how the XYZ color 28.3124, 22.5859, 8.6616 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 28.3124, 22.5859, 8.6616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

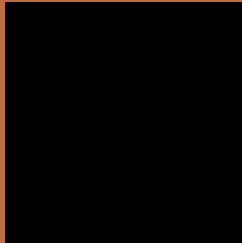
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3124, 22.5859, 8.6616

Background



This preview shows how black text looks on a background with the XYZ color 28.3124, 22.5859, 8.6616.



This preview shows how white text looks on a background with the XYZ color 28.3124, 22.5859,

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

28.3124, 22.5859, 8.6616

Protanopia

20.9930, 22.7119, 10.4851

Deuteranopia

23.0447, 22.6495, 8.4674



Tritanopia

30.3252, 22.6504, 17.8126

Trichromacy



Original Color

28.3124, 22.5859, 8.6616

Protanomaly

23.0509, 22.2510, 9.7366

Deuteranomaly

24.6535, 22.3817, 8.4896

Tritanomaly

29.5135, 22.6219, 13.8773

Monochromacy



Original Color

28.3124, 22.5859, 8.6616

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6152, 21.6772, 17.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3124, 22.5859, 8.6616 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(192, 109, 70)` looks like.

```
.text, #text, p{  
    color:rgb(192, 109, 70)  
}
```

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(192, 109, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 109, 70) }
```

Border

The CSS property to change the border of an element to XYZ 28.3124, 22.5859, 8.6616 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(192, 109, 70) }
```


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

```
.border{ border-color:rgb(192, 109, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 109, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 109, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 109, 70);  
box-shadow:4px 4px 4px 4px rgb(192, 109,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3124, 22.5859, 8.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 109, 70) }
```

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

```
.background{ background-color: rgb(192,  
109, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor