

Converting Colors

XYZ(28.7656, 22.0999, 13.1055)

Have a look what the booklet for
XYZ(28.7656, 22.0999, 13.1055)
contains.

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Color

**XYZ(28.7656, 22.0999,
13.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	C0695D
RGB	192, 105, 93
RGB Percent	75%, 41%, 36%
CMY	0.2471, 0.5882, 0.6353
CMYK	0.00, 0.45, 0.52, 0.25
HSL	7°, 44%, 56%
HSV	7°, 52%, 75%
XYZ	28.7656, 22.0999, 13.1055
YIQ	129.6450, 55.7040, 14.7120

Conversions

Conversions Part 2

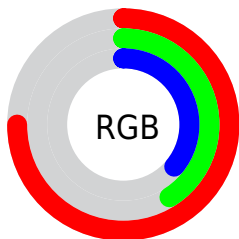
Format	Color
R_{YB}	192, 107, 93
Decimal	12609885
CIE _{Lab}	54.13, 33.40, 22.17
CIE _{LCh}	54, 40.090, 33.575
Yxy	22.0999, 0.4497, 0.3455
Android (android.graphics.Color)	4290799965 (0xFFC0695D)
YUV	129.6450, -18.0660, 54.6853
Hunter-Lab	47.0105, 26.9552, 16.3786

Details

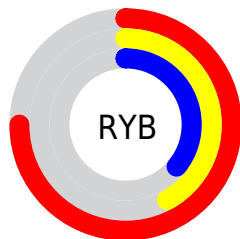
The XYZ color **28.7656, 22.0999, 13.1055** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **30.3490, 38.7736, 55.7536**, and the grayscale version is **21.1413, 22.2423, 24.2218**.

A 20% lighter version of the original color is **56.9684, 46.9461, 32.0455**, and **11.8710, 8.0885, 3.6249** is the 20% darker color. If you saturate the color by 10%, you get **26.4682, 18.6996, 8.6578**, and if you desaturate by 10%, it is **31.6185, 26.2697, 18.7920**.

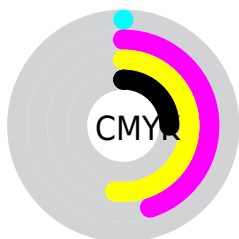
Distribution



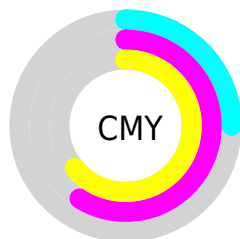
- Red (75%)
- Green (41%)
- Blue (36%)



- Red (75%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (52%)
- Black (25%)





- Cyan (25%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7656, 22.0999, 13.1055 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 28.7656, 22.0999, 13.1055 by changing the saturation by 10% instead.


 28.7656, 22.0999,
13.1055


 28.7656, 22.0999,
13.1055


288.1216,
263.0675, 222.8242


 19.0470, 13.9303,
7.3697


 57.1046, 46.9111,
32.1872

 11.8084, 8.0722,
3.6124


 76.4557, 64.3214,
46.3700

 6.6846, 4.1412,
1.4152


 99.7483, 85.5808,
64.2057

 3.3102, 1.7529,
0.1535

 127.3478,
111.0737, 86.1126

 1.3199, 0.4575,
0.0000

159.6195,
141.1844, 112.5094

 0.1980, 0.0000,
0.0000

196.9288,

 0.0000, 0.0000,

176.2974, 143.8146

0.0000

239.6410,
216.7969, 180.4467

■ 28.7656, 22.0999,
13.1055

■ 28.7656, 22.0999,
13.1055

■ 26.4682, 18.6996,
8.6578

■ 31.6185, 26.2697,
18.7920

■ 24.6882, 16.0183,
5.3551

■ 35.0585, 31.2487,
25.7993

■ 23.3849, 14.0050,
3.0922

■ 39.1167, 37.0777,
34.2035

■ 22.5110, 12.6001,
1.7437

■ 43.8215, 43.7941,
44.0749

■ 22.0502, 11.8305,
1.1213

■ 49.1997, 51.4328,
55.4790

■ 55.2763, 60.0269,
68.4771

■ 62.0753, 69.6078,
83.1273

■ 69.6193, 80.2055,
99.4849

■ 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



30.4986, 22.0999, 22.6012



28.7656, 22.0999, 13.1055



24.9481, 22.0999, 8.3637

Triad

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



28.7656, 22.0999, 13.1055



14.3751, 22.0999, 14.9062



21.5308, 22.0999, 56.7260

Complementary

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



28.7656, 22.0999, 13.1055



30.3490, 38.7736, 55.7536

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.



17.5014, 22.0999, 52.4894



28.7656, 22.0999, 13.1055



13.7199, 22.0999, 25.5866

Square

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



28.7656, 22.0999, 13.1055



16.7143, 22.0999, 9.1234



14.7836, 22.0999, 39.8743



25.9742, 22.0999, 50.0189

Rectangle

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



28.7656, 22.0999, 13.1055



21.9544, 22.0999, 7.2548



14.7836, 22.0999, 39.8743



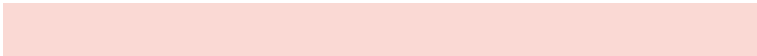
20.0840, 22.0999, 56.5425

Sweetspot

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



28.7661, 22.1010, 13.1059



76.1273, 74.6853, 72.9655



33.9368, 22.3490, 45.9459



15.9418, 15.4658, 14.8350



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.



28.7661, 22.1010, 13.1059



47.4415, 33.1093, 14.7077



35.2779, 35.1246, 15.2765



10.1694, 10.2703, 10.5082



14.8686, 8.0229, 0.7649



0.6756, 0.4131, 0.0441

Inverse Universe

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



30.3490, 38.7736, 55.7536



50.5623, 66.5414, 100.5391



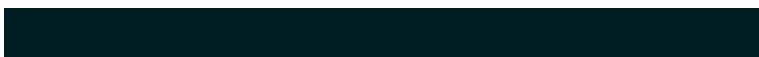
22.1383, 22.3523, 53.0167



10.2609, 11.2132, 12.9084



15.9521, 21.6607, 36.8968



0.7192, 0.9958, 1.6042

Previews

White Background



This preview shows how the XYZ color 28.7656, 22.0999, 13.1055 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 28.7656, 22.0999, 13.1055 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 28.7656, 22.0999, 13.1055

Background



This preview shows how black text looks on a background with the XYZ color 28.7656, 22.0999, 13.1055.



This preview shows how white text looks on a background with the XYZ color 28.7656, 22.0999,

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

28.7656, 22.0999, 13.1055

Protanopia

20.9626, 22.3680, 16.3093

Deuteranopia

22.5284, 22.1051, 12.5305



Tritanopia

29.6570, 22.1637, 17.4668

Trichromacy



Original Color

28.7656, 22.0999, 13.1055

Protanomaly

23.2382, 21.8639, 15.0520

Deuteranomaly

24.3552, 21.7856, 12.5942

Tritanomaly

29.4413, 22.2376, 15.8373

Monochromacy



Original Color

28.7656, 22.0999, 13.1055

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.1851, 21.7314, 19.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7656, 22.0999, 13.1055 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, 105, 93)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 93)  
}
```

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, 105, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 93) }
```

Border

The CSS property to change the border of an element to XYZ 28.7656, 22.0999, 13.1055 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, 105, 93) }
```


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

```
.border{ border-color:rgb(192, 105, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 105, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 105, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 105, 93);  
box-shadow:4px 4px 4px 4px rgb(192, 105,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7656, 22.0999, 13.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 93) }
```

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

```
.background{ background-color: rgb(192,  
105, 93) }
```

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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