

Converting Colors

XYZ(27.3953, 22.5807, 12.7654)

Have a look what the booklet for
XYZ(27.3953, 22.5807, 12.7654)
contains.

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Color

**XYZ(27.4497, 22.5340,
12.8003)**

Conversions

Conversions Part 1

Format	Color
Hex	B8705B
RGB	184, 112, 91
RGB Percent	72%, 44%, 36%
CMY	0.2784, 0.5608, 0.6431
CMYK	0.00, 0.39, 0.51, 0.28
HSL	14°, 40%, 54%
HSV	14°, 51%, 72%
XYZ	27.4497, 22.5340, 12.8003
YIQ	131.1340, 49.6530, 8.7330

Conversions

Conversions Part 2

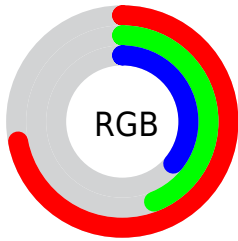
Format	Color
R_{YB}	184, 118, 91
Decimal	12087387
CIE _{Lab}	54.59, 26.24, 23.73
CIE _{LCh}	55, 35.375, 42.129
Yxy	22.5340, 0.4372, 0.3589
Android (android.graphics.Color)	4290277467 (0xFFB8705B)
YUV	131.1340, -19.7861, 46.3635
Hunter-Lab	47.4700, 20.1458, 17.2414

Details

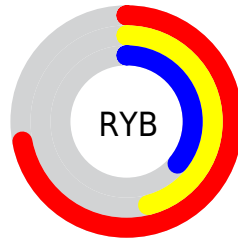
The XYZ color **27.4497, 22.5340, 12.8003** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.0627, 31.8779, 50.1268**, and the grayscale version is **21.6779, 22.8068, 24.8366**.

A 20% lighter version of the original color is **55.0453, 47.5287, 31.4721**, and **11.1532, 8.3337, 3.5033** is the 20% darker color. If you saturate the color by 10%, you get **25.3019, 19.3567, 8.6369**, and if you desaturate by 10%, it is **30.0419, 26.2887, 18.0723**.

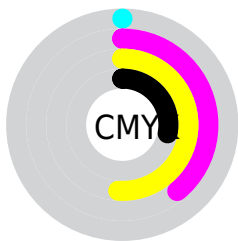
Distribution



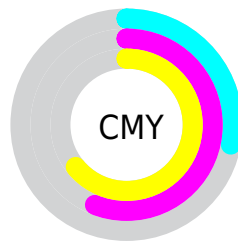
- Red (72%)
- Green (44%)
- Blue (36%)



- Red (72%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (28%)





- Cyan (28%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4497, 22.5340, 12.8003 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 27.4497, 22.5340, 12.8003 by changing the saturation by 10% instead.


 27.4497, 22.5340,
12.8003


 27.4497, 22.5340,
12.8003


281.9560,
265.3224, 220.7965

 18.0496, 14.2498,
7.1621


 55.0195, 47.6270,
31.6305

 11.0855, 8.2946,
3.4837


 73.9198, 65.2046,
45.6595

 6.1921, 4.2840,
1.3466


 96.7176, 86.6488,
63.3225

 3.0040, 1.8337,
0.0995

 123.7782,
112.3440, 85.0380

 1.1559, 0.5080,
0.0000

155.4670,
142.6745, 111.2247

 0.0711, 0.0000,
0.0000

192.1493,

 0.0000, 0.0000,

178.0249, 142.3009

0.0000

234.1905,
218.7794, 178.6854

■ 27.4497, 22.5340,
12.8003

■ 27.4497, 22.5340,
12.8003

■ 25.3019, 19.3567,
8.6369

■ 30.0419, 26.2887,
18.0723

■ 23.5707, 16.7244,
5.5007

■ 33.1007, 30.6444,
24.5239

■ 22.2275, 14.6063,
3.3010

■ 36.6489, 35.6275,
32.2214

■ 21.2390, 12.9671,
1.9304

■ 40.7071, 41.2618,
41.2261

■ 20.5795, 11.8150,
1.1959

■ 45.2948, 47.5699,
51.5950

■ 50.4304, 54.5731,
63.3818

■ 56.1315, 62.2919,
76.6373

■ 62.4148, 70.7461,
91.4097

■ 69.0374, 79.8508,
106.3818

Harmonies

Analogous

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



29.5833, 22.5340, 20.3092



27.4497, 22.5340, 12.8003



23.7931, 22.5340, 9.2867

Triad

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



27.4497, 22.5340, 12.8003



15.0656, 22.5340, 18.5384



23.0262, 22.5340, 51.9602

Complementary

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



27.4497, 22.5340, 12.8003



26.0627, 31.8779, 50.1268

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.



19.2062, 22.5340, 51.0509



27.4497, 22.5340, 12.8003



14.9129, 22.5340, 29.3113

Square

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



27.4497, 22.5340, 12.8003



16.7873, 22.5340, 11.8432



16.3415, 22.5340, 41.8677



26.8301, 22.5340, 44.0690

Rectangle

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



27.4497, 22.5340, 12.8003



21.1415, 22.5340, 8.7644



16.3415, 22.5340, 41.8677



21.6967, 22.5340, 52.7272

Sweetspot

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



27.4503, 22.5351, 12.8007



70.2118, 69.8399, 66.7464



30.1957, 20.3476, 37.3871



14.8078, 14.5997, 13.6615



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.4503, 22.5351, 12.8007



45.3564, 34.3232, 14.7029



33.8228, 35.2803, 14.9249



9.1648, 9.3325, 9.4252



14.2283, 8.2329, 0.8392



0.5490, 0.3851, 0.0454

Inverse Universe

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



26.0627, 31.8779, 50.1268



42.4815, 53.0951, 90.2140



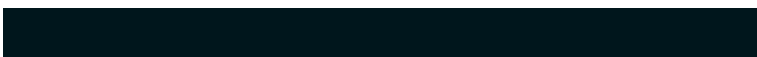
19.3685, 18.4894, 47.8954



9.0900, 9.8573, 11.5030



12.7297, 15.9190, 33.6548



0.4917, 0.6471, 1.2007

Previews

White Background



This preview shows how the XYZ color 27.4497, 22.5340, 12.8003 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 27.4497, 22.5340, 12.8003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

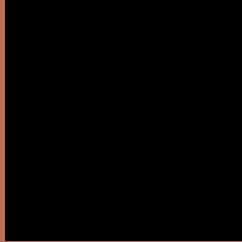
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.4497, 22.5340, 12.8003

Background



This preview shows how black text looks on a background with the XYZ color 27.4497, 22.5340, 12.8003.



This preview shows how white text looks on a background with the XYZ color 27.4497, 22.5340,

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

27.4497, 22.5340, 12.8003

Protanopia

21.1836, 22.7089, 15.0711

Deuteranopia

22.9997, 22.5399, 12.3709



Tritanopia

28.7646, 22.4252, 19.3354

Trichromacy



Original Color

27.4497, 22.5340, 12.8003

Protanomaly

23.0293, 22.3278, 14.1622

Deuteranomaly

24.4560, 22.3697, 12.4800

Tritanomaly

28.1301, 22.3131, 16.7342

Monochromacy



Original Color

27.4497, 22.5340, 12.8003

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.9377, 22.1603, 19.5914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4497, 22.5340, 12.8003 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(184, 112, 91)` looks like.

```
.text, #text, p{  
    color:rgb(184, 112, 91)  
}
```

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(184, 112, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 112, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.4497, 22.5340, 12.8003 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(184, 112, 91) }
```


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

```
.border{ border-color:rgb(184, 112, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 112, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 112, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 112, 91);  
box-shadow:4px 4px 4px 4px rgb(184, 112,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4497, 22.5340, 12.8003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 112, 91) }
```

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

```
.background{ background-color: rgb(184,  
112, 91) }
```

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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