

Converting Colors

XYZ(27.2457, 18.4188, 6.7898)

Have a look what the booklet for
XYZ(27.2457, 18.4188, 6.7898)
contains.

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Color

**XYZ(27.2032, 18.3992,
6.8203)**

Conversions

Conversions Part 1

Format	Color
Hex	C6523F
RGB	198, 82, 63
RGB Percent	78%, 32%, 25%
CMY	0.2235, 0.6784, 0.7529
CMYK	0.00, 0.59, 0.68, 0.22
HSL	8°, 54%, 51%
HSV	8°, 68%, 78%
XYZ	27.2032, 18.3992, 6.8203
YIQ	114.5180, 75.2350, 18.6830

Conversions

Conversions Part 2

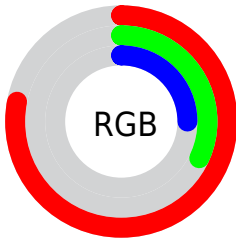
Format	Color
R_{YB}	198, 85, 63
Decimal	12997183
CIE _{Lab}	49.98, 45.12, 34.32
CIE _{LCh}	50, 56.695, 37.259
Yxy	18.3992, 0.5189, 0.3510
Android (android.graphics.Color)	4291187263 (0xFFC6523F)
YUV	114.5180, -25.3984, 73.2137
Hunter-Lab	42.8943, 38.1382, 20.5987

Details

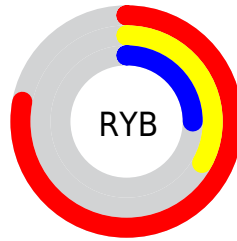
The XYZ color **27.2032, 18.3992, 6.8203** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **28.3618, 37.3717, 59.1444**, and the grayscale version is **16.2089, 17.0531, 18.5708**.

A 20% lighter version of the original color is **52.7732, 39.7356, 19.9272**, and **10.9907, 6.2342, 1.2401** is the 20% darker color. If you saturate the color by 10%, you get **25.6183, 15.9616, 4.0356**, and if you desaturate by 10%, it is **29.3059, 21.5545, 10.7593**.

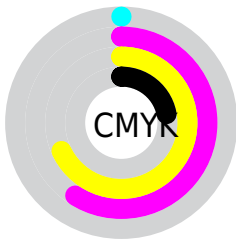
Distribution



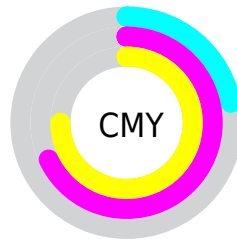
- Red (78%)
- Green (32%)
- Blue (25%)



- Red (78%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (59%)
- Yellow (68%)
- Black (22%)





- Cyan (22%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2032, 18.3992, 6.8203 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 27.2032, 18.3992, 6.8203 by changing the saturation by 10% instead.


 27.2032, 18.3992,
6.8203


 27.2032, 18.3992,
6.8203


280.7893,
243.1116, 175.7360

 17.8633, 11.2370,
3.2732


 54.6274, 40.7164,
20.1175


 10.9510, 6.2265,
1.2358


 73.4423, 56.6401,
30.7046

 6.1009, 2.9833,
0.0083


 96.1463, 76.2532,
44.4756

 2.9478, 1.1230,
0.0000

 123.1046, 99.9399,
61.8488

 1.1262, 0.0000,
0.0000

 154.6828,
128.0847, 83.2430

 0.0469, 0.0000,
0.0000

 191.2460,

 0.0000, 0.0000,

161.0720, 109.0765

0.0000

233.1597,
199.2862, 139.7680

■ 27.2032, 18.3992,
6.8203

■ 27.2032, 18.3992,
6.8203

■ 25.6183, 15.9616,
4.0356

■ 29.3059, 21.5545,
10.7593

■ 24.5035, 14.1816,
2.2777

■ 31.9658, 25.4751,
15.9596

■ 23.7975, 12.9920,
1.3569

■ 35.2199, 30.2080,
22.5173

■ 23.7009, 12.8303,
1.2273

■ 39.1015, 35.7955,
30.5187

■ 43.6416, 42.2771,
40.0430

■ 48.8689, 49.6897,
51.1636

■ 54.8106, 58.0681,
63.9491

■ 61.4922, 67.4455,
78.4642

■ 68.9381, 77.8532,
94.7701

Harmonies

Analogous

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



30.0504, 18.3992, 16.4820



27.2032, 18.3992, 6.8203



21.8507, 18.3992, 3.1606

Triad

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



27.2032, 18.3992, 6.8203



9.5066, 18.3992, 10.5419



18.8431, 18.3992, 66.8602

Complementary

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



27.2032, 18.3992, 6.8203



28.3618, 37.3717, 59.1444

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.



13.7483, 18.3992, 62.3036



27.2032, 18.3992, 6.8203



9.0291, 18.3992, 24.0619

Square

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



27.2032, 18.3992, 6.8203



11.8892, 18.3992, 4.3994



10.4143, 18.3992, 44.1912



24.6152, 18.3992, 54.5823

Rectangle

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



27.2032, 18.3992, 6.8203



17.9928, 18.3992, 2.5369



10.4143, 18.3992, 44.1912



16.9925, 18.3992, 67.3209

Sweetspot

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



27.2036, 18.4002, 6.8206



75.4781, 72.2977, 67.1035



33.3043, 18.8561, 45.0641



15.6540, 14.7595, 13.3086



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.



27.2036, 18.4002, 6.8206



44.2702, 26.5346, 5.3628



34.8543, 33.7016, 9.3708



10.7523, 10.8738, 11.0949



15.4512, 8.4195, 0.8108



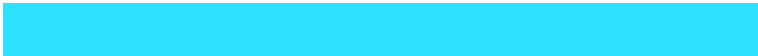
0.7717, 0.4788, 0.0517

Inverse Universe

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



28.3618, 37.3717, 59.1444



46.2496, 61.9532, 104.1283



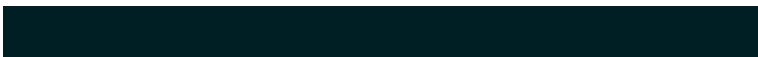
18.0925, 16.8331, 55.7213



10.8145, 11.8031, 13.6257



16.0396, 21.4732, 38.0437



0.7954, 1.0886, 1.8133

Previews

White Background



This preview shows how the XYZ color 27.2032, 18.3992, 6.8203 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 27.2032, 18.3992, 6.8203 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 27.2032, 18.3992, 6.8203

Background



This preview shows how black text looks on a background with the XYZ color 27.2032, 18.3992, 6.8203.



This preview shows how white text looks on a background with the XYZ color 27.2032, 18.3992,

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

27.2032, 18.3992, 6.8203

Protanopia

17.1073, 18.4613, 9.4992

Deuteranopia

18.7885, 18.5331, 6.4579



Tritanopia

27.9494, 18.3742, 10.4610

Trichromacy



Original Color

27.2032, 18.3992, 6.8203

Protanomaly

19.8089, 17.7316, 8.3397

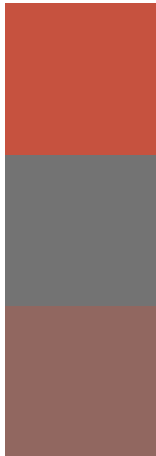
Deuteranomaly

21.2667, 17.9255, 6.4768

Tritanomaly

27.7264, 18.4012, 8.9279

Monochromacy



Original Color

27.2032, 18.3992, 6.8203

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.6386, 16.5648, 13.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2032, 18.3992, 6.8203 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, 82, 63)` looks like.

```
.text, #text, p{  
    color:rgb(198, 82, 63)  
}
```

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, 82, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 82, 63) }
```

Border

The CSS property to change the border of an element to XYZ 27.2032, 18.3992, 6.8203 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, 82, 63) }
```


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

```
.border{ border-color:rgb(198, 82, 63) }
```

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

Here you see how a box with a 4 pixel rgb(198, 82, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 82, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 82, 63);  
box-shadow:4px 4px 4px 4px rgb(198, 82,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2032, 18.3992, 6.8203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 82, 63) }
```

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

```
.background{ background-color: rgb(198, 82,  
63) }
```

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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