

Converting Colors

XYZ(27.2667, 22.2535, 18.1954)

Have a look what the booklet for
XYZ(27.2667, 22.2535, 18.1954)
contains.

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Color

**XYZ(27.3092, 22.3419,
18.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	B37070
RGB	179, 112, 112
RGB Percent	70%, 44%, 44%
CMY	0.2980, 0.5608, 0.5608
CMYK	0.00, 0.37, 0.37, 0.30
HSL	0°, 31%, 57%
HSV	0°, 37%, 70%
XYZ	27.3092, 22.3419, 18.2023
YIQ	132.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

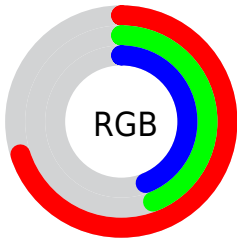
Format	Color
RYB	179, 112, 112
Decimal	11759728
CIELab	54.39, 26.54, 11.18
CIElCh	54, 28.798, 22.850
Yxy	22.3419, 0.4025, 0.3293
Android (android.graphics.Color)	4289949808 (0xFFB37070)
YUV	132.0330, -9.8763, 41.1901
Hunter-Lab	47.2672, 20.4129, 10.2549

Details

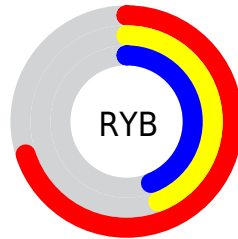
The XYZ color **27.3092, 22.3419, 18.2023** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.9382, 38.9380, 48.5330**, and the grayscale version is **21.9690, 23.1131, 25.1701**.

A 20% lighter version of the original color is **54.9014, 47.2358, 41.3458**, and **11.0151, 8.2103, 5.8547** is the 20% darker color. If you saturate the color by 10%, you get **24.6274, 18.4179, 12.8704**, and if you desaturate by 10%, it is **30.5829, 27.1324, 24.7094**.

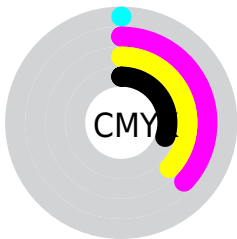
Distribution



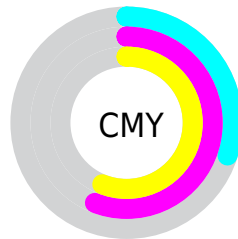
- Red (70%)
- Green (44%)
- Blue (44%)



- Red (70%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (37%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3092, 22.3419, 18.2023 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 27.3092, 22.3419, 18.2023 by changing the saturation by 10% instead.


 27.3092, 22.3419,
18.2023

 27.3092, 22.3419,
18.2023


281.2914,
264.3266, 254.2831


 17.9434, 14.1083,
10.9244


 54.7960, 47.3104,
41.2003


 11.0088, 8.1961,
5.9025


 73.6477, 64.8142,
57.7575

 6.1401, 4.2207,
2.7180


 96.3921, 86.1768,
78.2449

 2.9719, 1.7977,
0.9525

 123.3945,
111.7827, 103.0809

 1.1389, 0.4858,
0.0000

155.0203,
142.0162, 132.6843

 0.0573, 0.0000,
0.0000

191.6348,

 0.0000, 0.0000,

177.2618, 167.4734

0.0000

233.6034,
217.9038, 207.8668

■ 27.3092, 22.3419,
18.2023

■ 27.3092, 22.3419,
18.2023

■ 24.6274, 18.4179,
12.8704

■ 30.5829, 27.1324,
24.7094

■ 22.5006, 15.3058,
8.6425

■ 34.4789, 32.8335,
32.4547

■ 20.8904, 12.9495,
5.4417

■ 39.0280, 39.4900,
41.4980


■ 19.7529, 11.2850,
3.1805


■ 44.2580, 47.1429,
51.8952


■ 19.0369, 10.2371,
1.7572


■ 50.1953, 55.8309,
63.6986

 18.6657, 9.6939,
1.0194

 56.8650, 65.5905,
76.9580

 18.5905, 9.5839,
0.8701

 64.2908, 76.4564,
91.7205

 72.4004, 88.3237,
107.8400

Harmonies

Analogous

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



27.8179, 22.3419, 26.5462



27.3092, 22.3419, 18.2023



25.1003, 22.3419, 12.9694

Triad

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



27.3092, 22.3419, 18.2023



16.7711, 22.3419, 15.2955



20.4916, 22.3419, 45.8728

Complementary

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



27.3092, 22.3419, 18.2023



30.9382, 38.9380, 48.5330

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.



17.7890, 22.3419, 40.9051



27.3092, 22.3419, 18.2023



15.7828, 22.3419, 22.2342

Square

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



27.3092, 22.3419, 18.2023



18.9727, 22.3419, 11.6033



16.1362, 22.3419, 31.6901



23.6711, 22.3419, 44.0292

Rectangle

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



27.3092, 22.3419, 18.2023



23.0687, 22.3419, 11.2474



16.1362, 22.3419, 31.6901



19.5017, 22.3419, 44.9099

Sweetspot

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



27.3098, 22.3430, 18.2027



66.6975, 66.0423, 67.9592



32.5213, 24.4269, 45.6486



14.5338, 14.2760, 14.5732



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.3098, 22.3430, 18.2027



44.8382, 34.0559, 24.5040



31.7171, 31.1576, 19.6718



8.4964, 8.5054, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



30.9382, 38.9380, 48.5330



52.2877, 68.1272, 86.7752



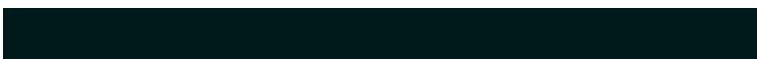
25.0209, 27.1035, 46.5606



8.7426, 9.6315, 10.9046



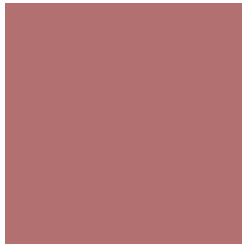
17.1395, 25.0794, 34.0744



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 27.3092, 22.3419, 18.2023 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 27.3092, 22.3419, 18.2023 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 27.3092, 22.3419, 18.2023

Background



This preview shows how black text looks on a background with the XYZ color 27.3092, 22.3419, 18.2023.



This preview shows how white text looks on a background with the XYZ color 27.3092, 22.3419,

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

27.3092, 22.3419, 18.2023

Protanopia

21.4255, 22.4966, 21.3022

Deuteranopia

22.8530, 22.5315, 17.8964



Tritanopia

27.8366, 22.4041, 20.3100

Trichromacy



Original Color

27.3092, 22.3419, 18.2023

Protanomaly

23.1155, 22.0532, 20.1779

Deuteranomaly

24.4046, 22.3995, 18.0762

Tritanomaly

27.6592, 22.3331, 19.3759

Monochromacy



Original Color

27.3092, 22.3419, 18.2023

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.4297, 22.5375, 22.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3092, 22.3419, 18.2023 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(179, 112, 112)` looks like.

```
.text, #text, p{  
    color:rgb(179, 112, 112)  
}
```

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(179, 112, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 112, 112) }
```

Border

The CSS property to change the border of an element to XYZ 27.3092, 22.3419, 18.2023 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(179, 112, 112) }
```


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

```
.border{ border-color:rgb(179, 112, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 112, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 112, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 112, 112);  
box-shadow:4px 4px 4px 4px rgb(179, 112,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3092, 22.3419, 18.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 112, 112) }
```

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

```
.background{ background-color: rgb(179,  
112, 112) }
```

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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