

Converting Colors

XYZ(27.2149, 21.3579, 18.9476)

Have a look what the booklet for
XYZ(27.2149, 21.3579, 18.9476)
contains.

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Color

**XYZ(27.0709, 21.2492,
18.8944)**

Conversions

Conversions Part 1

Format	Color
Hex	B46A73
RGB	180, 106, 115
RGB Percent	71%, 42%, 45%
CMY	0.2941, 0.5843, 0.5490
CMYK	0.00, 0.41, 0.36, 0.29
HSL	353°, 33%, 56%
HSV	353°, 41%, 71%
XYZ	27.0709, 21.2492, 18.8944
YIQ	129.1520, 41.2150, 18.4870

Conversions

Conversions Part 2

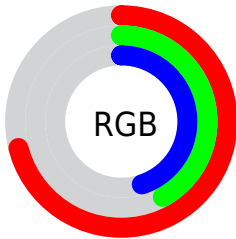
Format	Color
R_{YB}	180, 106, 115
Decimal	11823731
CIE _{Lab}	53.22, 30.60, 7.79
CIE _{LCh}	53, 31.581, 14.285
Yxy	21.2492, 0.4028, 0.3161
Android (android.graphics.Color)	4290013811 (0xFFB46A73)
YUV	129.1520, -6.9769, 44.5937
Hunter-Lab	46.0969, 24.1567, 7.9657

Details

The XYZ color **27.0709, 21.2492, 18.8944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6168, 38.6473, 44.4288**, and the grayscale version is **20.9337, 22.0238, 23.9840**.

A 20% lighter version of the original color is **54.4618, 45.4209, 42.4559**, and **10.9337, 7.6915, 6.2185** is the 20% darker color. If you saturate the color by 10%, you get **24.5737, 17.5881, 13.9515**, and if you desaturate by 10%, it is **30.1147, 25.7535, 24.7899**.

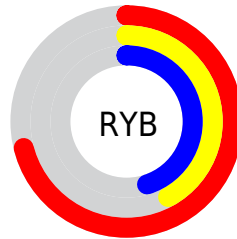
Distribution



Red (71%)

Green (42%)

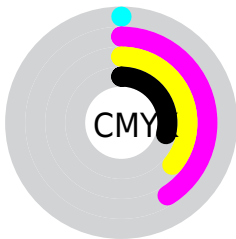
Blue (45%)



Red (71%)

Yellow (42%)

Blue (45%)

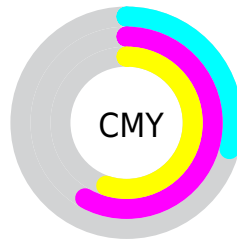


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (29%)



Cyan (29%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0709, 21.2492, 18.8944 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 27.0709, 21.2492, 18.8944 by changing the saturation by 10% instead.

■ 27.0709, 21.2492,
18.8944

■ 27.0709, 21.2492,
18.8944

280.1615,
258.5999, 258.2684

■ 17.7633, 13.3063,
11.4180

■ 54.4167, 45.5019,
42.3899

■ 10.8789, 7.6398,
6.2310

■ 73.1857, 62.5805,
59.2460

■ 6.0521, 3.8653,
2.9150

■ 95.8391, 83.4731,
80.0658

■ 2.9178, 1.5985,
1.0514

■ 122.7425,
108.5640, 105.2678

■ 1.1104, 0.3566,
0.0000

154.2610,
138.2378, 135.2705

■ 0.0338, 0.0000,
0.0000

190.7601,

■ 0.0000, 0.0000,

172.8788, 170.4925

0.0000

232.6052,
212.8714, 211.3523

■ 27.0709, 21.2492,
18.8944

■ 27.0709, 21.2492,
18.8944

■ 24.5737, 17.5881,
13.9515

■ 30.1147, 25.7535,
24.7899

■ 22.5888, 14.7146,
9.9099

■ 33.7331, 31.1456,
31.6832

■ 21.0807, 12.5718,
6.7151


■ 37.9545, 37.4708,
39.6181


■ 20.0088, 11.0934,
4.3065


■ 42.8045, 44.7704,
48.6355

■ 19.3253, 10.2010,
2.6149

■ 48.3077, 53.0832,
58.7739

 18.9660, 9.7607,
1.6375

 54.4870, 62.4457,
70.0700

 61.3643, 72.8929,
82.5590

 68.9607, 84.4581,
96.2743

 72.6323, 88.4433,
107.8509

Harmonies

Analogous

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



27.0205, 21.2492, 28.4767



27.0709, 21.2492, 18.8944



25.1445, 21.2492, 12.5361

Triad

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



27.0709, 21.2492, 18.8944



16.0417, 21.2492, 12.3217



18.5090, 21.2492, 45.7030

Complementary

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



27.0709, 21.2492, 18.8944



29.6168, 38.6473, 44.4288

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.



15.9447, 21.2492, 38.4762



27.0709, 21.2492, 18.8944



14.6309, 21.2492, 18.5100

Square

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



27.0709, 21.2492, 18.8944



18.6553, 21.2492, 9.5119



14.5975, 21.2492, 27.9709



21.8208, 21.2492, 45.8901

Rectangle

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



27.0709, 21.2492, 18.8944



23.1092, 21.2492, 10.2205



14.5975, 21.2492, 27.9709



17.5399, 21.2492, 43.9432

Sweetspot

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



27.0715, 21.2502, 18.8948



67.9251, 66.5995, 70.1631



29.9993, 22.1654, 45.8771



14.4602, 14.0632, 14.7513



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.



27.0715, 21.2502, 18.8948



45.0797, 32.6528, 26.3426



29.8304, 27.5565, 17.3838



8.5370, 8.5215, 9.0603



13.2510, 6.8180, 1.2159



0.4303, 0.2199, 0.1088

Inverse Universe

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



27.0715, 21.2502, 18.8948



45.0797, 32.6528, 26.3426



25.5524, 29.0992, 47.4498



8.5370, 8.5215, 9.0603



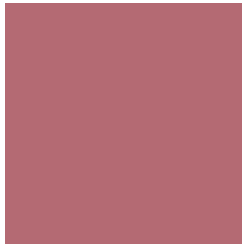
13.2510, 6.8180, 1.2159



0.4303, 0.2199, 0.1088

Previews

White Background



This preview shows how the XYZ color 27.0709, 21.2492, 18.8944 looks on a white background.

Color Contrast Check

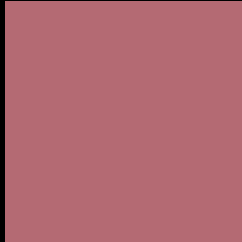
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0709, 21.2492, 18.8944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

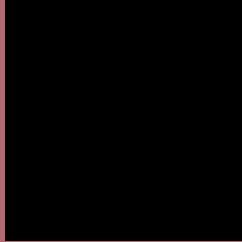
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0709, 21.2492, 18.8944

Background



This preview shows how black text looks on a background with the XYZ color 27.0709, 21.2492, 18.8944.



This preview shows how white text looks on a background with the XYZ color 27.0709, 21.2492,

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

27.0709, 21.2492, 18.8944

Protanopia

20.5612, 21.4309, 22.7916

Deuteranopia

21.6846, 21.3555, 18.3084



Tritanopia

27.0137, 21.2263, 18.5929

Trichromacy



Original Color

27.0709, 21.2492, 18.8944

Protanomaly

22.3224, 20.8947, 21.2689

Deuteranomaly

23.4425, 21.1839, 18.4761

Tritanomaly

27.0137, 21.2263, 18.5929

Monochromacy



Original Color

27.0709, 21.2492, 18.8944

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6882, 21.4259, 22.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0709, 21.2492, 18.8944 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(180, 106, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 106, 115)  
}
```

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(180, 106, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 106, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.0709, 21.2492, 18.8944 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(180, 106, 115) }
```


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

```
.border{ border-color:rgb(180, 106, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 106, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 106, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 106, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 106,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0709, 21.2492, 18.8944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 106, 115) }
```

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

```
.background{ background-color: rgb(180,  
106, 115) }
```

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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