

Converting Colors

XYZ(27.1701, 26.0824, 20.7401)

Have a look what the booklet for
XYZ(27.1701, 26.0824, 20.7401)
contains.

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Color

**XYZ(27.1746, 26.0824,
20.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	A58576
RGB	165, 133, 118
RGB Percent	65%, 52%, 46%
CMY	0.3529, 0.4784, 0.5373
CMYK	0.00, 0.19, 0.28, 0.35
HSL	19°, 21%, 55%
HSV	19°, 28%, 65%
XYZ	27.1746, 26.0824, 20.7417
YIQ	140.8580, 23.8870, 2.1190

Conversions

Conversions Part 2

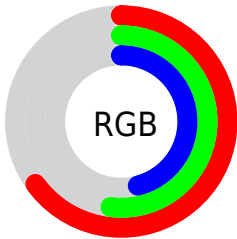
Format	Color
RYB	165, 140, 118
Decimal	10847606
CIELab	58.12, 9.93, 12.71
CIElCh	58, 16.126, 51.997
Yxy	26.0824, 0.3672, 0.3525
Android (android.graphics.Color)	4289037686 (0xFFA58576)
YUV	140.8580, -11.2690, 21.1725
Hunter-Lab	51.0709, 5.6049, 11.6699

Details

The XYZ color **27.1746, 26.0824, 20.7417** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **25.1688, 28.3800, 39.7488**, and the grayscale version is **25.2986, 26.6161, 28.9849**.

A 20% lighter version of the original color is **54.6334, 53.3922, 45.4565**, and **10.8808, 10.0735, 7.1652** is the 20% darker color. If you saturate the color by 10%, you get **24.8222, 22.8118, 15.5359**, and if you desaturate by 10%, it is **29.8644, 29.7530, 26.9068**.

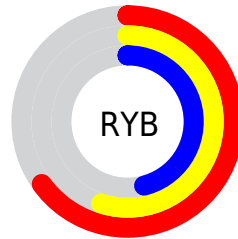
Distribution



Red (65%)

Green (52%)

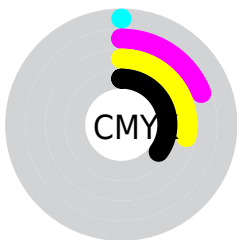
Blue (46%)



Red (65%)

Yellow (55%)

Blue (46%)

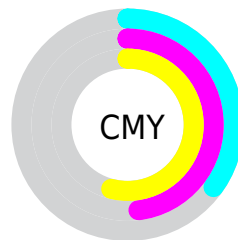


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1746, 26.0824, 20.7417 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 27.1746, 26.0824, 20.7417 by changing the saturation by 10% instead.


 27.1746, 26.0824,
20.7417


 27.1746, 26.0824,
20.7417


280.6537,
283.1863, 268.6384


 17.8417, 16.8853,
12.7459


 54.5818, 53.4078,
45.5325

 10.9354, 10.1527,
7.1252


 73.3868, 72.3050,
63.1645

 6.0904, 5.5003,
3.4609


 96.0799, 95.2042,
84.8457

 2.9413, 2.5437,
1.3345

123.0264,
122.4900, 110.9947

 1.1228, 0.8985,
0.0898

154.5917,
154.5467, 142.0299

 0.0441, 0.0000,
0.0000

191.1411,

 0.0000, 0.0000,

191.7588, 178.3699

0.0000

233.0399,
234.5105, 220.4332

■ 27.1746, 26.0824,
20.7417

■ 27.1746, 26.0824,
20.7417

■ 24.8222, 22.8118,
15.5359

■ 29.8644, 29.7530,
26.9068

■ 22.7910, 19.9237,
11.2390

■ 32.9028, 33.8332,
34.0749

■ 21.0667, 17.4046,
7.7984

■ 36.3029, 38.3366,
42.2890

■ 19.6327, 15.2387,
5.1555

■ 40.0766, 43.2753,
51.5888

■ 18.4707, 13.4091,
3.2441

■ 44.2350, 48.6607,
62.0122

■ 17.5600, 11.8970,
1.9870

■ 48.7890, 54.5039,
73.5954

■ 16.8674, 10.6781,
1.2439

■ 53.7490, 60.8156,
86.3725

■ 16.7753, 10.5157,
1.1456

■ 59.1248, 67.6060,
100.3766

■ 63.0184, 74.1220,
105.5933

Harmonies

Analogous

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



28.4369, 26.0824, 24.5595



27.1746, 26.0824, 20.7417



25.3169, 26.0824, 19.0274

Triad

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



27.1746, 26.0824, 20.7417



21.2556, 26.0824, 26.9285



26.2235, 26.0824, 39.5804

Complementary

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



27.1746, 26.0824, 20.7417



25.1688, 28.3800, 39.7488

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.



24.2715, 26.0824, 40.4323



27.1746, 26.0824, 20.7417



21.4700, 26.0824, 32.6198

Square

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



27.1746, 26.0824, 20.7417



21.9484, 26.0824, 22.2804



22.5502, 26.0824, 37.7419



27.8680, 26.0824, 35.5469

Rectangle

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



27.1746, 26.0824, 20.7417



24.0183, 26.0824, 19.1272



22.5502, 26.0824, 37.7419



25.5791, 26.0824, 40.2679

Sweetspot

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



27.1753, 26.0836, 20.7422



58.5358, 60.0716, 60.0933



27.5101, 23.1623, 31.9245



12.6249, 12.9028, 12.7277



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.1753, 26.0836, 20.7422



46.0122, 43.0339, 31.2259



30.7401, 33.2133, 21.9305



7.2498, 7.4379, 7.4336



12.7315, 8.0369, 0.8802



0.3085, 0.2509, 0.0322

Inverse Universe

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



25.1688, 28.3800, 39.7488



41.8313, 47.8012, 70.7741



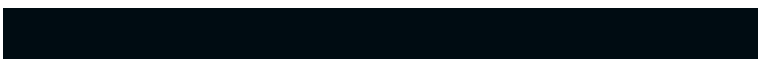
21.8030, 21.6484, 38.6268



7.0846, 7.6281, 9.0020



9.5951, 10.9696, 28.5414



0.2413, 0.3098, 0.6129

Previews

White Background



This preview shows how the XYZ color 27.1746, 26.0824, 20.7417 looks on a white background.

Color Contrast Check

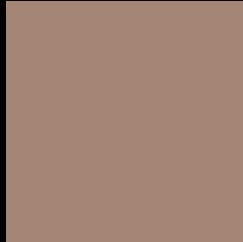
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1746, 26.0824, 20.7417 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 27.1746, 26.0824, 20.7417

Background



This preview shows how black text looks on a background with the XYZ color 27.1746, 26.0824, 20.7417.



This preview shows how white text looks on a background with the XYZ color 27.1746, 26.0824,

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

27.1746, 26.0824, 20.7417

Protanopia

24.7164, 26.0488, 21.8144

Deuteranopia

26.6319, 26.2130, 20.7955



Tritanopia

28.6526, 26.0742, 28.3336

Trichromacy



Original Color

27.1746, 26.0824, 20.7417

Protanomaly

25.6623, 26.1174, 21.4579

Deuteranomaly

26.6954, 26.0396, 20.7587

Tritanomaly

28.0070, 26.0055, 25.3732

Monochromacy



Original Color

27.1746, 26.0824, 20.7417

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8998, 26.3544, 25.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1746, 26.0824, 20.7417 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(165, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 118)  
}
```

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(165, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 118) }
```

Border

The CSS property to change the border of an element to XYZ 27.1746, 26.0824, 20.7417 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(165, 133, 118) }
```


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

```
.border{ border-color:rgb(165, 133, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 133, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 133, 118); box-shadow:4px 4px 4px 4px rgb(165, 133, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1746, 26.0824, 20.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 118) }
```

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

```
.background{ background-color: rgb(165,  
133, 118) }
```

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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