

Converting Colors

XYZ(27.6862, 22.9362, 20.7229)

Have a look what the booklet for
XYZ(27.6862, 22.9362, 20.7229)
contains.

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Color

**XYZ(27.6524, 22.9646,
20.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	B17378
RGB	177, 115, 120
RGB Percent	69%, 45%, 47%
CMY	0.3059, 0.5490, 0.5294
CMYK	0.00, 0.35, 0.32, 0.31
HSL	355°, 28%, 57%
HSV	355°, 35%, 69%
XYZ	27.6524, 22.9646, 20.7445
YIQ	134.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

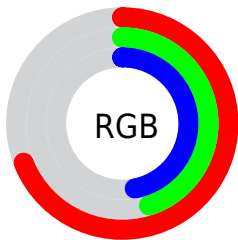
Format	Color
R_{YB}	177, 115, 120
Decimal	11629432
CIE Lab	55.04, 25.12, 7.39
CIE LCh	55, 26.186, 16.398
Yxy	22.9646, 0.3875, 0.3218
Android (android.graphics.Color)	4289819512 (0xFFB17378)
YUV	134.1080, -6.9552, 37.6163
Hunter-Lab	47.9214, 19.1386, 7.8792

Details

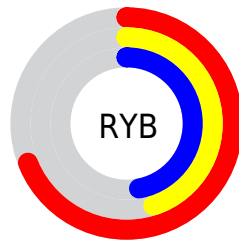
The XYZ color **27.6524, 22.9646, 20.7445** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2398, 38.0683, 44.7858**, and the grayscale version is **22.7159, 23.8989, 26.0259**.

A 20% lighter version of the original color is **55.3807, 48.4762, 45.4677**, and **11.2863, 8.5753, 7.1912** is the 20% darker color. If you saturate the color by 10%, you get **24.9193, 18.9468, 15.3680**, and if you desaturate by 10%, it is **30.9421, 27.8268, 27.1352**.

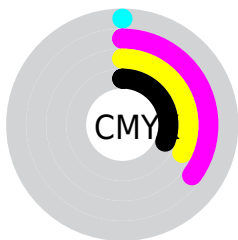
Distribution



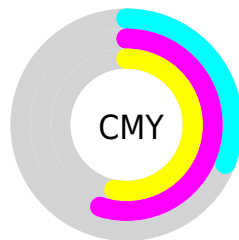
- Red (69%)
- Green (45%)
- Blue (47%)



- Red (69%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (31%)





- Cyan (31%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6524, 22.9646, 20.7445 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 27.6524, 22.9646, 20.7445 by changing the saturation by 10% instead.


 27.6524, 22.9646,
20.7445


 27.6524, 22.9646,
20.7445


282.9125,
267.5431, 268.6538


 18.2029, 14.5674,
12.7479


 55.3415, 48.3352,
45.5372


 11.1963, 8.5163,
7.1265


 74.3119, 66.0773,
63.1704

 6.2673, 4.4271,
3.4617


 97.1866, 87.7033,
84.8529

 3.0505, 1.9152,
1.3350

 124.3310,
113.5973, 111.0032

 1.1805, 0.5575,
0.0902

156.1104,
144.1440, 142.0400

 0.0909, 0.0000,
0.0000

192.8902,

 0.0000, 0.0000,

179.7275, 178.3816

0.0000

235.0358,
220.7325, 220.4467

■ 27.6524, 22.9646,
20.7445

■ 27.6524, 22.9646,
20.7445

■ 24.9193, 18.9468,
15.3680

■ 30.9421, 27.8268,
27.1352

■ 22.7102, 15.7223,
10.9521

■ 34.8151, 33.5741,
34.5871

■ 20.9921, 13.2393,
7.4407


■ 39.2982, 40.2489,
43.1459


■ 19.7272, 11.4387,
4.7709


■ 44.4163, 47.8894,
52.8541


■ 18.8724, 10.2525,
2.8720


■ 50.1929, 56.5321,
63.7522


 18.3754, 9.5976,
1.6614

 56.6501, 66.2114,
75.8785

 18.2126, 9.3796,
1.2755

 63.8093, 76.9600,
89.2699

 71.1765, 87.7812,
103.7899

 71.9416, 88.0872,
107.8185

Harmonies

Analogous

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



27.7353, 22.9646, 28.9692



27.6524, 22.9646, 20.7445



25.9216, 22.9646, 15.0957

Triad

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



27.6524, 22.9646, 20.7445



18.0178, 22.9646, 15.4944



20.5365, 22.9646, 44.0572

Complementary

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



27.6524, 22.9646, 20.7445



30.2398, 38.0683, 44.7858

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.



18.1883, 22.9646, 38.5099



27.6524, 22.9646, 20.7445



16.8239, 22.9646, 21.4192

Square

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



27.6524, 22.9646, 20.7445



20.2840, 22.9646, 12.5585



16.8835, 22.9646, 29.8112



23.4466, 22.9646, 43.7624

Rectangle

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



27.6524, 22.9646, 20.7445



24.1470, 22.9646, 12.9990



16.8835, 22.9646, 29.8112



19.6609, 22.9646, 42.7690

Sweetspot

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



27.6530, 22.9657, 20.7450



65.3022, 64.5178, 67.5886



31.0440, 24.1887, 44.6279



13.9292, 13.6504, 14.2215



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.6530, 22.9657, 20.7450



45.6742, 35.4651, 29.5901



30.7270, 29.5865, 20.3122



8.5232, 8.5160, 8.9878



13.2053, 6.7997, 0.9750



0.4246, 0.2176, 0.0786

Inverse Universe

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



27.6530, 22.9657, 20.7450



45.6742, 35.4651, 29.5901



26.1004, 29.0070, 45.8185



8.5232, 8.5160, 8.9878



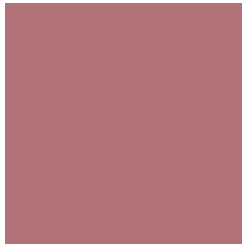
13.2053, 6.7997, 0.9750



0.4246, 0.2176, 0.0786

Previews

White Background



This preview shows how the XYZ color 27.6524, 22.9646, 20.7445 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 27.6524, 22.9646, 20.7445 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 27.6524, 22.9646, 20.7445

Background



This preview shows how black text looks on a background with the XYZ color 27.6524, 22.9646, 20.7445.



This preview shows how white text looks on a background with the XYZ color 27.6524, 22.9646,

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

27.6524, 22.9646, 20.7445

Protanopia

22.2054, 23.2384, 24.0840

Deuteranopia

23.4371, 22.9708, 20.3381



Tritanopia

27.8373, 23.0386, 21.7186

Trichromacy



Original Color

27.6524, 22.9646, 20.7445

Protanomaly

23.8044, 22.9121, 22.9065

Deuteranomaly

24.9099, 22.9714, 20.5738

Tritanomaly

27.7750, 23.0137, 21.3905

Monochromacy



Original Color

27.6524, 22.9646, 20.7445

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1295, 23.2478, 23.9844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6524, 22.9646, 20.7445 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(177, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(177, 115, 120)  
}
```

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(177, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.6524, 22.9646, 20.7445 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(177, 115, 120) }
```


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

```
.border{ border-color:rgb(177, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(177, 115,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6524, 22.9646, 20.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 115, 120) }
```

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

```
.background{ background-color: rgb(177,  
115, 120) }
```

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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