

Converting Colors

XYZ(27.8180, 25.6026, 21.2449)

Have a look what the booklet for
XYZ(27.8180, 25.6026, 21.2449)
contains.

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Color

**XYZ(27.8180, 25.6026,
21.2449)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8178
RGB	170, 129, 120
RGB Percent	67%, 51%, 47%
CMY	0.3333, 0.4941, 0.5294
CMYK	0.00, 0.24, 0.29, 0.33
HSL	11°, 23%, 57%
HSV	11°, 29%, 67%
XYZ	27.8180, 25.6026, 21.2449
YIQ	140.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

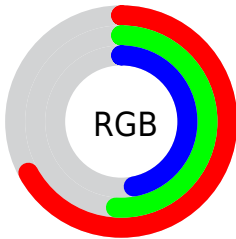
Format	Color
R_{YB}	170, 131, 120
Decimal	11174264
CIE _{Lab}	57.66, 14.48, 11.00
CIE _{LCh}	58, 18.181, 37.213
Yxy	25.6026, 0.3726, 0.3429
Android (android.graphics.Color)	4289364344 (0xFFAA8178)
YUV	140.2330, -9.9749, 26.1057
Hunter-Lab	50.5990, 9.5863, 10.5253

Details

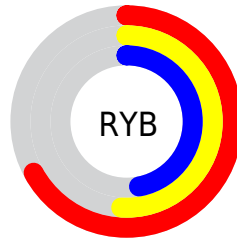
The XYZ color **27.8180, 25.6026, 21.2449** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.7460, 32.3842, 42.8188**, and the grayscale version is **25.0485, 26.3530, 28.6984**.

A 20% lighter version of the original color is **55.5384, 52.6032, 46.2560**, and **11.3745, 9.9871, 7.4591** is the 20% darker color. If you saturate the color by 10%, you get **25.1641, 21.8017, 15.7141**, and if you desaturate by 10%, it is **30.9070, 29.9801, 27.8250**.

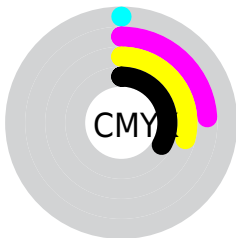
Distribution



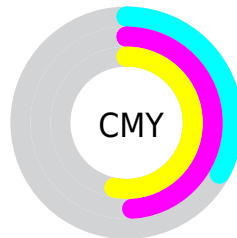
- Red (67%)
- Green (51%)
- Blue (47%)



- Red (67%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (33%)





- Cyan (33%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8180, 25.6026, 21.2449 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 27.8180, 25.6026, 21.2449 by changing the saturation by 10% instead.

 27.8180, 25.6026,
21.2449


 27.8180, 25.6026,
21.2449


283.6921,
280.8258, 271.4008


 18.3283, 16.5266,
13.1101


 55.6044, 52.6331,
46.3808

 11.2870, 9.8975,
7.3728

 74.6318, 71.3565,
64.2191

 6.3290, 5.3311,
3.6144


 97.5691, 94.0643,
86.1289

 3.0887, 2.4428,
1.4163

124.7817,
121.1411, 112.5289

 1.2008, 0.8478,
0.1544

156.6350,
152.9713, 143.8375

 0.1070, 0.0000,
0.0000

193.4942,

 0.0000, 0.0000,

189.9392, 180.4734

0.0000

235.7248,
232.4292, 222.8550

■ 27.8180, 25.6026,
21.2449

■ 27.8180, 25.6026,
21.2449

■ 25.1641, 21.8017,
15.7141

■ 30.9070, 29.9801,
27.8250

■ 22.9234, 18.5499,
11.1766

■ 34.4475, 34.9532,
35.5034

■ 21.0752, 15.8226,
7.5736

■ 38.4575, 40.5446,
44.3276

■ 19.5964, 13.5919,
4.8395

■ 42.9536, 46.7745,
54.3420

■ 18.4610, 11.8273,
2.9001

■ 47.9514, 53.6622,
65.5889

■ 17.6394, 10.4950,
1.6683

■ 53.4658, 61.2264,
78.1080

■ 17.0845, 9.5510,
0.9718

■ 59.5112, 69.4849,
91.9377

■ 17.0575, 9.5059,
0.9358

■ 65.9397, 78.3901,
106.2632

■ 70.2138, 86.9384,
107.6879

Harmonies

Analogous

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



28.7220, 25.6026, 26.4005



27.8180, 25.6026, 21.2449



25.9898, 25.6026, 18.2315

Triad

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



27.8180, 25.6026, 21.2449



20.6802, 25.6026, 23.4921



24.8632, 25.6026, 41.5217

Complementary

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



27.8180, 25.6026, 21.2449



27.7460, 32.3842, 42.8188

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.



22.7510, 25.6026, 40.4361



27.8180, 25.6026, 21.2449



20.4182, 25.6026, 29.4073

Square

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



27.8180, 25.6026, 21.2449



21.8928, 25.6026, 19.3877



21.1547, 25.6026, 35.7627



26.9514, 25.6026, 38.5403

Rectangle

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



27.8180, 25.6026, 21.2449



24.5384, 25.6026, 17.5468



21.1547, 25.6026, 35.7627



24.1318, 25.6026, 41.6269

Sweetspot

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



27.8187, 25.6038, 21.2454



62.6712, 63.6567, 64.7887



29.7863, 24.5761, 37.2012



13.7602, 13.8938, 13.9771



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.8187, 25.6038, 21.2454



47.3861, 42.0424, 32.0842



31.4138, 32.7941, 22.4438



7.6363, 7.7527, 7.8832



12.5782, 7.0537, 0.6985



0.3366, 0.2327, 0.0272

Inverse Universe

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



27.7460, 32.3842, 42.8188



47.2255, 56.2610, 77.3723



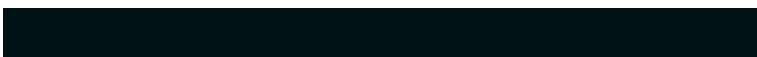
23.9000, 24.6923, 41.5368



7.6310, 8.2989, 9.6180



12.2074, 15.8750, 30.3963



0.3261, 0.4444, 0.7492

Previews

White Background



This preview shows how the XYZ color 27.8180, 25.6026, 21.2449 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 27.8180, 25.6026, 21.2449 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 27.8180, 25.6026, 21.2449

Background



This preview shows how black text looks on a background with the XYZ color 27.8180, 25.6026, 21.2449.



This preview shows how white text looks on a background with the XYZ color 27.8180, 25.6026,

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

27.8180, 25.6026, 21.2449

Protanopia

24.4672, 25.6774, 23.0687

Deuteranopia

26.1529, 25.7530, 21.0452



Tritanopia

29.0466, 25.7270, 26.7274

Trichromacy



Original Color

27.8180, 25.6026, 21.2449

Protanomaly

25.5656, 25.6280, 22.3381

Deuteranomaly

26.6853, 25.6210, 20.9916

Tritanomaly

28.5430, 25.7080, 24.5768

Monochromacy



Original Color

27.8180, 25.6026, 21.2449

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8003, 25.8811, 25.8260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8180, 25.6026, 21.2449 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(170, 129, 120)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 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(170, 129, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 120) }
```

Border

The CSS property to change the border of an element to XYZ 27.8180, 25.6026, 21.2449 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(170, 129, 120) }
```


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

```
.border{ border-color:rgb(170, 129, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 129, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 120);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8180, 25.6026, 21.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 120) }
```

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

```
.background{ background-color: rgb(170,  
129, 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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