

Converting Colors

XYZ(25.0178, 27.1257, 17.8549)

Have a look what the booklet for
XYZ(25.0178, 27.1257, 17.8549)
contains.

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Color

**XYZ(25.0540, 27.1905,
17.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	968F6B
RGB	150, 143, 107
RGB Percent	59%, 56%, 42%
CMY	0.4118, 0.4392, 0.5804
CMYK	0.00, 0.05, 0.29, 0.41
HSL	50°, 17%, 50%
HSV	50°, 29%, 59%
XYZ	25.0540, 27.1905, 17.8377
YIQ	140.9890, 15.7280, -9.7120

Conversions

Conversions Part 2

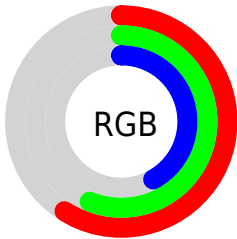
Format	Color
RYB	115, 150, 107
Decimal	9867115
CIELab	59.15, -3.33, 20.13
CIELCh	59, 20.409, 99.401
Yxy	27.1905, 0.3575, 0.3880
Android (android.graphics.Color)	4288057195 (0xFF968F6B)
YUV	140.9890, -16.7566, 7.9026
Hunter-Lab	52.1445, -5.4886, 16.2191

Details

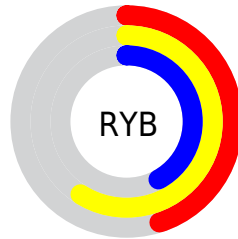
The XYZ color **25.0540, 27.1905, 17.8377** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5857, 17.3620, 31.2786**, and the grayscale version is **25.3730, 26.6944, 29.0702**.

A 20% lighter version of the original color is **51.4011, 55.4148, 40.7879**, and **9.8494, 10.7971, 5.7026** is the 20% darker color. If you saturate the color by 10%, you get **23.9702, 26.1780, 13.9150**, and if you desaturate by 10%, it is **26.2841, 28.2762, 22.4853**.

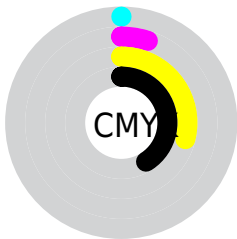
Distribution



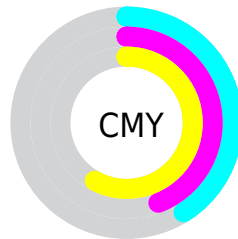
- Red (59%)
- Green (56%)
- Blue (42%)



- Red (45%)
- Yellow (59%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (41%)



- Cyan (41%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0540, 27.1905, 17.8377 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 25.0540, 27.1905, 17.8377 by changing the saturation by 10% instead.

■ 25.0540, 27.1905,
17.8377

■ 25.0540, 27.1905,
17.8377

270.4494,
288.5783, 252.1600

■ 16.2462, 17.7163,
10.6653

■ 51.1871, 55.1894,
40.5708

■ 9.7905, 10.7465,
5.7309

■ 69.2431, 74.4830,
56.9685

■ 5.3215, 5.8967,
2.6160

■ 91.1126, 97.8184,
77.2785

■ 2.4738, 2.7823,
0.9007

■ 117.1609,
125.5802, 101.9191

■ 0.8821, 1.0192,
0.0000

147.7534,
158.1527, 131.3091

■ 0.0000, 0.0000,
0.0000

183.2554,

195.9203, 165.8668

224.0323,
239.2673, 206.0110

■ 25.0540, 27.1905,
17.8377

■ 25.0540, 27.1905,
17.8377

■ 23.9702, 26.1780,
13.9150

■ 26.2841, 28.2762,
22.4853

■ 23.0234, 25.2321,
10.6782

■ 27.6651, 29.4341,
27.8906

■ 22.2067, 24.3507,
8.0873

■ 29.2038, 30.6680,
34.0867

■ 21.5115, 23.5305,
6.0975

■ 30.9060, 31.9803,
41.1038

■ 20.9280, 22.7674,
4.6581

■ 32.7772, 33.3733,
48.9709

■ 20.4451, 22.0570,
3.7102

■ 34.8228, 34.8491,
57.7154

■ 20.0392, 21.3895,
3.1299

■ 37.0478, 36.4099,
67.3635

■ 19.9867, 21.3021,
3.0583

■ 39.4568, 38.0577,
77.9404

■ 42.0547, 39.7944,
89.4702

Harmonies

Analogous

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



27.6007, 27.1905, 18.3464



25.0540, 27.1905, 17.8377



22.8655, 27.1905, 20.0581

Triad

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



25.0540, 27.1905, 17.8377



22.2500, 27.1905, 39.4032



30.6912, 27.1905, 34.8054

Complementary

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



25.0540, 27.1905, 17.8377



17.5857, 17.3620, 31.2786

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.



29.0700, 27.1905, 41.7850



25.0540, 27.1905, 17.8377



24.1630, 27.1905, 44.7268

Square

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



25.0540, 27.1905, 17.8377



21.3179, 27.1905, 31.9504



26.6499, 27.1905, 45.6634



30.9687, 27.1905, 27.3789

Rectangle

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



25.0540, 27.1905, 17.8377



21.8630, 27.1905, 23.0405



26.6499, 27.1905, 45.6634



30.2805, 27.1905, 37.3130

Sweetspot

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



25.0547, 27.1917, 17.8383



48.6913, 51.8367, 48.6994



20.8824, 18.2184, 18.3856



10.7157, 11.4260, 10.4957



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.0547, 27.1917, 17.8383



43.0368, 46.8984, 27.1744



23.6597, 28.0808, 18.0834



6.1859, 6.5857, 6.1856



16.5961, 17.7065, 2.5430



0.2204, 0.2512, 0.0369

Inverse Universe

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



17.5857, 17.3620, 31.2786



27.7824, 26.8262, 54.6349



18.6950, 16.8068, 31.1130



5.5712, 5.7764, 7.2911



4.8605, 2.4157, 24.1411



0.0739, 0.0584, 0.3003

Previews

White Background



This preview shows how the XYZ color 25.0540, 27.1905, 17.8377 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 25.0540, 27.1905, 17.8377 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

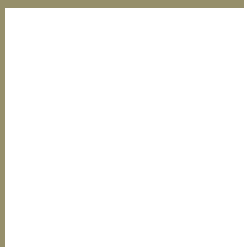
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0540, 27.1905, 17.8377

Background



This preview shows how black text looks on a background with the XYZ color 25.0540, 27.1905, 17.8377.



This preview shows how white text looks on a background with the XYZ color 25.0540, 27.1905,

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

25.0540, 27.1905, 17.8377

Protanopia

25.4637, 27.1798, 17.8141

Deuteranopia

27.5888, 27.1895, 17.9814



Tritanopia

27.9513, 27.2836, 31.8100

Trichromacy



Original Color

25.0540, 27.1905, 17.8377

Protanomaly

25.2757, 27.0829, 17.8053

Deuteranomaly

26.6373, 27.1250, 18.0191

Tritanomaly

26.7486, 27.2219, 26.0349

Monochromacy



Original Color

25.0540, 27.1905, 17.8377

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1370, 26.8603, 24.6286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0540, 27.1905, 17.8377 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(150, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(150, 143, 107)  
}
```

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(150, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 143, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.0540, 27.1905, 17.8377 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(150, 143, 107) }
```


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

```
.border{ border-color:rgb(150, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(150, 143,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0540, 27.1905, 17.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 143, 107) }
```

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

```
.background{ background-color: rgb(150,  
143, 107) }
```

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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