

Converting Colors

XYZ(25.0514, 25.8348, 17.2574)

Have a look what the booklet for
XYZ(25.0514, 25.8348, 17.2574)
contains.

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Color

**XYZ(25.0647, 25.9005,
17.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	9B896A
RGB	155, 137, 106
RGB Percent	61%, 54%, 42%
CMY	0.3922, 0.4627, 0.5843
CMYK	0.00, 0.12, 0.32, 0.39
HSL	38°, 20%, 51%
HSV	38°, 32%, 61%
XYZ	25.0647, 25.9005, 17.3139
YIQ	138.8480, 20.6790, -5.8250

Conversions

Conversions Part 2

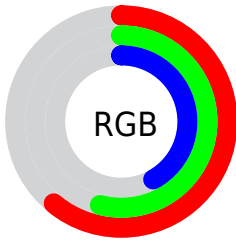
Format	Color
RYB	134, 155, 106
Decimal	10193258
CIELab	57.94, 1.92, 19.13
CIElCh	58, 19.230, 84.277
Yxy	25.9005, 0.3671, 0.3793
Android (android.graphics.Color)	4288383338 (0xFF9B896A)
YUV	138.8480, -16.1941, 14.1653
Hunter-Lab	50.8925, -1.1502, 15.4540

Details

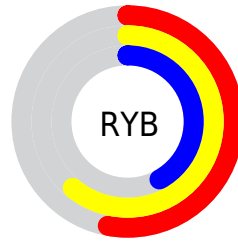
The XYZ color **25.0647, 25.9005, 17.3139** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0676, 19.8453, 33.8358**, and the grayscale version is **24.5374, 25.8153, 28.1128**.

A 20% lighter version of the original color is **51.0776, 52.9629, 39.4291**, and **9.7654, 10.0054, 5.4195** is the 20% darker color. If you saturate the color by 10%, you get **23.5426, 24.0317, 13.1828**, and if you desaturate by 10%, it is **26.7765, 27.9154, 22.2276**.

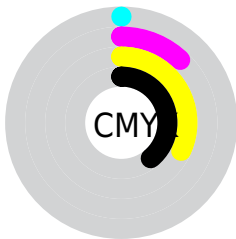
Distribution



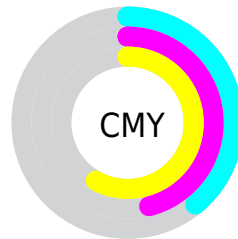
- Red (61%)
- Green (54%)
- Blue (42%)



- Red (53%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0647, 25.9005, 17.3139 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 25.0647, 25.9005, 17.3139 by changing the saturation by 10% instead.

■ 25.0647, 25.9005,
17.3139

■ 25.0647, 25.9005,
17.3139

270.5017,
282.2933, 249.0798

■ 16.2543, 16.7492,
10.2942

■ 51.2043, 53.1144,
39.6627

■ 9.7962, 10.0559,
5.4863

■ 69.2642, 71.9458,
55.8289

■ 5.3253, 5.4360,
2.4717

■ 91.1379, 94.7727,
75.8811

■ 2.4761, 2.5053,
0.8251

■ 117.1908,
121.9794, 100.2377

■ 0.8832, 0.8793,
0.0000

147.7883,
153.9505, 129.3174

■ 0.0000, 0.0000,
0.0000

183.2957,

191.0702, 163.5385

224.0784,
233.7230, 203.3198

■ 25.0647, 25.9005,
17.3139

■ 25.0647, 25.9005,
17.3139

■ 23.5426, 24.0317,
13.1828

■ 26.7765, 27.9154,
22.2276

■ 22.1998, 22.3010,
9.7913

■ 28.6841, 30.0769,
27.9610

■ 21.0276, 20.7048,
7.0943

■ 30.7953, 32.3903,
34.5503

■ 20.0159, 19.2378,
5.0413

■ 33.1173, 34.8593,
42.0294

■ 19.1530, 17.8944,
3.5748

■ 35.6566, 37.4875,
50.4302

■ 18.4254, 16.6680,
2.6269

■ 38.4196, 40.2784,
59.7831

■ 17.8921, 15.7176,
2.0908

■ 41.4123, 43.2353,
70.1169

■ 44.6404, 46.3615,
81.4595

■ 48.1097, 49.6599,
93.8374

Harmonies

Analogous

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



27.3121, 25.9005, 19.0579



25.0647, 25.9005, 17.3139



22.8307, 25.9005, 18.0945

Triad

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



25.0647, 25.9005, 17.3139



20.7751, 25.9005, 33.7801



28.4152, 25.9005, 36.3277

Complementary

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



25.0647, 25.9005, 17.3139



19.0676, 19.8453, 33.8358

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.



26.4955, 25.9005, 41.5069



25.0647, 25.9005, 17.3139



22.1065, 25.9005, 39.8819

Square

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



25.0647, 25.9005, 17.3139



20.4448, 25.9005, 26.9476



24.1759, 25.9005, 42.9001



29.3228, 25.9005, 29.4931

Rectangle

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



25.0647, 25.9005, 17.3139



21.6361, 25.9005, 20.0156



24.1759, 25.9005, 42.9001



27.8613, 25.9005, 38.3604

Sweetspot

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



25.0654, 25.9017, 17.3144



52.2575, 54.8489, 52.8069



22.3596, 18.7520, 21.7708



11.7147, 12.2891, 11.6024



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.0654, 25.9017, 17.3144



42.9117, 43.9740, 25.5944



26.7691, 30.8995, 18.1893



6.5181, 6.8412, 6.5828



14.4082, 12.6989, 1.6917



0.2499, 0.2588, 0.0368

Inverse Universe

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



19.0676, 19.8453, 33.8358



30.4318, 31.3776, 59.9888



17.7168, 16.1011, 33.1843



6.0610, 6.3794, 7.8409



5.9583, 4.3132, 25.4262



0.1219, 0.1301, 0.3911

Previews

White Background



This preview shows how the XYZ color 25.0647, 25.9005, 17.3139 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 25.0647, 25.9005, 17.3139 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

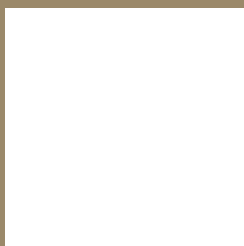
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0647, 25.9005, 17.3139

Background



This preview shows how black text looks on a background with the XYZ color 25.0647, 25.9005, 17.3139.



This preview shows how white text looks on a background with the XYZ color 25.0647, 25.9005,

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

25.0647, 25.9005, 17.3139

Protanopia

24.2809, 25.9163, 17.6325

Deuteranopia

26.4888, 26.0042, 17.5331



Tritanopia

27.4318, 25.8265, 29.1304

Trichromacy



Original Color

25.0647, 25.9005, 17.3139

Protanomaly

24.5048, 25.8178, 17.6017

Deuteranomaly

26.0158, 25.9665, 17.5508

Tritanomaly

26.5881, 25.9043, 24.3676

Monochromacy



Original Color

25.0647, 25.9005, 17.3139

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5963, 25.7290, 23.7485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0647, 25.9005, 17.3139 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(155, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 106)  
}
```

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(155, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 106) }
```

Border

The CSS property to change the border of an element to XYZ 25.0647, 25.9005, 17.3139 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(155, 137, 106) }
```


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

```
.border{ border-color:rgb(155, 137, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 137, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 106);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0647, 25.9005, 17.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 106) }
```

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

```
.background{ background-color: rgb(155,  
137, 106) }
```

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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