

Converting Colors

XYZ(23.8482, 25.3959, 17.4056)

Have a look what the booklet for
XYZ(23.8482, 25.3959, 17.4056)
contains.

| | |
|--|----|
| XYZ(23.9027, 25.5135, 17.3005) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(23.9027, 25.5135,
17.3005)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 948A6A |
| RGB | 148, 138, 106 |
| RGB Percent | 58%, 54%, 42% |
| CMY | 0.4196, 0.4588, 0.5843 |
| CMYK | 0.00, 0.07, 0.28, 0.42 |
| HSL | 46°, 17%, 50% |
| HSV | 46°, 28%, 58% |
| XYZ | 23.9027, 25.5135, 17.3005 |
| YIQ | 137.3420, 16.2320, -7.8320 |

Conversions

Conversions Part 2

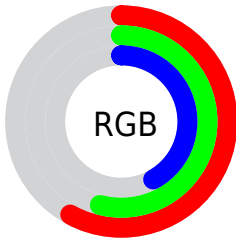
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 119, 148, 106 |
| Decimal | 9734762 |
| CIE Lab | 57.57, -1.52, 18.52 |
| CIE LCh | 58, 18.586, 94.692 |
| Yxy | 25.5135, 0.3583, 0.3824 |
| Android (android.graphics.Color) | 4287924842 (0xFF948A6A) |
| YUV | 137.3420, -15.4516, 9.3471 |
| Hunter-Lab | 50.5109, -3.9245, 15.0502 |

Details

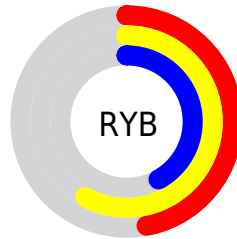
The XYZ color **23.9027, 25.5135, 17.3005** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5343, 17.6925, 30.5077**, and the grayscale version is **23.9603, 25.2081, 27.4516**.

A 20% lighter version of the original color is **49.3452, 52.3924, 39.4103**, and **9.1832, 9.8263, 5.4156** is the 20% darker color. If you saturate the color by 10%, you get **22.7016, 24.2384, 13.4251**, and if you desaturate by 10%, it is **25.2544, 26.8769, 21.8821**.

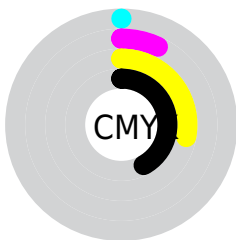
Distribution



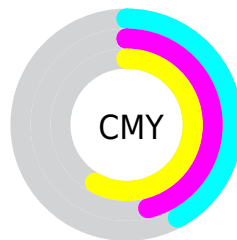
- Red (58%)
- Green (54%)
- Blue (42%)



- Red (47%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9027, 25.5135, 17.3005 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 23.9027, 25.5135, 17.3005 by changing the saturation by 10% instead.

■ 23.9027, 25.5135,
17.3005

■ 23.9027, 25.5135,
17.3005

264.7778,
280.3856, 249.0005

■ 15.3858, 16.4600,
10.2848

■ 49.3272, 52.4891,
39.6394

■ 9.1787, 9.8503,
5.4801

■ 66.9655, 71.1799,
55.7997

■ 4.9159, 5.2998,
2.4680

■ 88.3750, 93.8521,
75.8452

■ 2.2323, 2.4242,
0.8231

■ 113.9211,
120.8899, 100.1945

■ 0.7597, 0.8383,
0.0000

143.9690,
152.6778, 129.2662

■ 0.0000, 0.0000,
0.0000

178.8842,

189.6001, 163.4787

219.0320,
232.0412, 203.2506

■ 23.9027, 25.5135,
17.3005

■ 23.9027, 25.5135,
17.3005

■ 22.7016, 24.2384,
13.4251

■ 25.2544, 26.8769,
21.8821

■ 21.6420, 23.0450,
10.2183

■ 26.7612, 28.3279,
27.2016

■ 20.7172, 21.9312,
7.6415

■ 28.4298, 29.8703,
33.2910

■ 19.9187, 20.8934,
5.6514

■ 30.2660, 31.5067,
40.1797

■ 19.2372, 19.9276,
4.1991

■ 32.2752, 33.2395,
47.8955

■ 18.6616, 19.0292,
3.2281

■ 34.4625, 35.0710,
56.4650

■ 18.1698, 18.1891,
2.6222

■ 36.8330, 37.0033,
65.9137

■ 18.0928, 18.0562,
2.5316

■ 39.3913, 39.0386,
76.2657

■ 42.1420, 41.1790,
87.5445

Harmonies

Analogous

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



26.1185, 25.5135, 18.1385



23.9027, 25.5135, 17.3005



21.9031, 25.5135, 18.9007

Triad

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



23.9027, 25.5135, 17.3005



20.9103, 25.5135, 35.3257



28.3122, 25.5135, 33.3336

Complementary

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



23.9027, 25.5135, 17.3005



17.5343, 17.6925, 30.5077

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.



26.7584, 25.5135, 39.0781



23.9027, 25.5135, 17.3005



22.4724, 25.5135, 40.3456

Square

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



23.9027, 25.5135, 17.3005



20.2438, 25.5135, 28.7908



24.6003, 25.5135, 41.8136



28.7523, 25.5135, 26.7929

Rectangle

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



23.9027, 25.5135, 17.3005



20.9341, 25.5135, 21.3031



24.6003, 25.5135, 41.8136



27.8983, 25.5135, 35.4520

Sweetspot

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



23.9034, 25.5147, 17.3010



46.9953, 49.7720, 47.1936



20.5485, 17.8769, 19.0438



10.6436, 11.2818, 10.4717



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.



23.9034, 25.5147, 17.3010



40.8103, 43.5831, 26.0763



23.5902, 27.5811, 17.7164



6.1497, 6.5131, 6.1735



15.4758, 15.4661, 2.1696



0.2120, 0.2345, 0.0341

Inverse Universe

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



17.5343, 17.6925, 30.5077



27.6975, 27.4825, 53.2794



17.7687, 16.1939, 30.2061



5.6049, 5.8438, 7.3023



5.1033, 2.9014, 24.2221



0.0822, 0.0751, 0.3031

Previews

White Background



This preview shows how the XYZ color 23.9027, 25.5135, 17.3005 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 23.9027, 25.5135, 17.3005 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

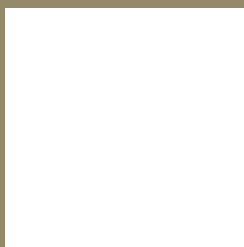
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9027, 25.5135, 17.3005

Background



This preview shows how black text looks on a background with the XYZ color 23.9027, 25.5135, 17.3005.



This preview shows how white text looks on a background with the XYZ color 23.9027, 25.5135,

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

23.9027, 25.5135, 17.3005

Protanopia

23.9027, 25.5135, 17.3005

Deuteranopia

25.9417, 25.5180, 17.4681



Tritanopia

26.2943, 25.4336, 29.5099

Trichromacy



Original Color

23.9027, 25.5135, 17.3005

Protanomaly

23.9027, 25.5135, 17.3005

Deuteranomaly

25.2224, 25.5576, 17.5137

Tritanomaly

25.4557, 25.5190, 24.7031

Monochromacy



Original Color

23.9027, 25.5135, 17.3005

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6961, 25.0604, 23.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9027, 25.5135, 17.3005 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(148, 138, 106)` looks like.

```
.text, #text, p{  
    color:rgb(148, 138, 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(148, 138, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 138, 106) }
```

Border

The CSS property to change the border of an element to XYZ 23.9027, 25.5135, 17.3005 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(148, 138, 106) }
```


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

```
.border{ border-color:rgb(148, 138, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 138, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 138, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 138, 106);  
box-shadow:4px 4px 4px 4px rgb(148, 138,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9027, 25.5135, 17.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 138, 106) }
```

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

```
.background{ background-color: rgb(148,  
138, 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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