

Converting Colors

XYZ(25.3193, 27.1345, 17.1622)

Have a look what the booklet for
XYZ(25.3193, 27.1345, 17.1622)
contains.

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Color

**XYZ(25.3597, 27.1382,
17.2662)**

Conversions

Conversions Part 1

Format	Color
Hex	998E69
RGB	153, 142, 105
RGB Percent	60%, 56%, 41%
CMY	0.4000, 0.4431, 0.5882
CMYK	0.00, 0.07, 0.31, 0.40
HSL	46°, 19%, 51%
HSV	46°, 31%, 60%
XYZ	25.3597, 27.1382, 17.2662
YIQ	141.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

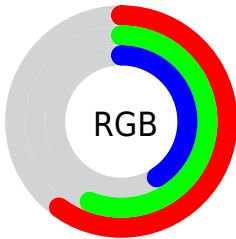
Format	Color
R_{YB}	119, 153, 105
Decimal	10063465
CIE _{Lab}	59.10, -1.83, 21.23
CIE _{LCh}	59, 21.311, 94.919
Yxy	27.1382, 0.3635, 0.3890
Android (android.graphics.Color)	4288253545 (0xFF998E69)
YUV	141.0710, -17.7830, 10.4617
Hunter-Lab	52.0943, -4.2707, 16.8149

Details

The XYZ color **25.3597, 27.1382, 17.2662** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8208, 17.7936, 32.6324**, and the grayscale version is **25.4083, 26.7315, 29.1107**.

A 20% lighter version of the original color is **51.7531, 55.2901, 39.3969**, and **9.9325, 10.7164, 5.4159** is the 20% darker color. If you saturate the color by 10%, you get **24.1299, 25.8258, 13.3194**, and if you desaturate by 10%, it is **26.7488, 28.5425, 21.9648**.

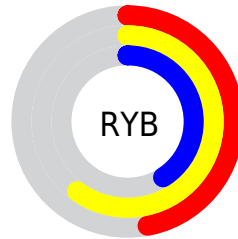
Distribution



Red (60%)

Green (56%)

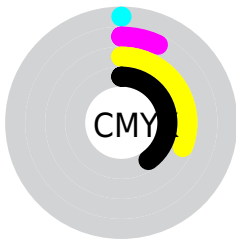
Blue (41%)



Red (47%)

Yellow (60%)

Blue (41%)

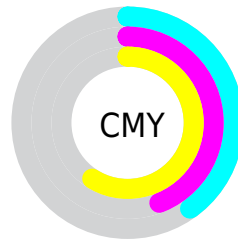


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3597, 27.1382, 17.2662 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 25.3597, 27.1382, 17.2662 by changing the saturation by 10% instead.

■ 25.3597, 27.1382,
17.2662

■ 25.3597, 27.1382,
17.2662

271.9393,
288.3256, 248.7974

■ 16.4754, 17.6770,
10.2605

■ 51.6789, 55.1056,
39.5798

■ 9.9542, 10.7184,
5.4642

■ 69.8444, 74.3805,
55.7248

■ 5.4306, 5.8778,
2.4586

■ 91.8345, 97.6956,
75.7533

■ 2.5394, 2.7709,
0.8181

■ 118.0144,
125.4351, 100.0839

■ 0.9152, 1.0133,
0.0000

148.7494,
157.9835, 129.1350

■ 0.0000, 0.0000,
0.0000

184.4050,

195.7251, 163.3253

225.3465,
239.0443, 203.0733

■ 25.3597, 27.1382,
17.2662

■ 25.3597, 27.1382,
17.2662

■ 24.1299, 25.8258,
13.3194

■ 26.7488, 28.5425,
21.9648

■ 23.0496, 24.5983,
10.0828

■ 28.3023, 30.0380,
27.4505

■ 22.1110, 23.4532,
7.5130

■ 30.0276, 31.6290,
33.7586

■ 21.3048, 22.3866,
5.5615

■ 31.9310, 33.3182,
40.9215

■ 20.6203, 21.3939,
4.1729

■ 34.0185, 35.1081,
48.9700

■ 20.0449, 20.4699,
3.2822

■ 36.2957, 37.0014,
57.9332

■ 19.6093, 19.7170,
2.7722

■ 38.7681, 39.0003,
67.8391

■ 41.4409, 41.1072,
78.7144

■ 44.3191, 43.3243,
90.5846

Harmonies

Analogous

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



28.0144, 27.1382, 18.2067



25.3597, 27.1382, 17.2662



22.9865, 27.1382, 19.1277

Triad

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



25.3597, 27.1382, 17.2662



21.8383, 27.1382, 38.7117



30.6886, 27.1382, 36.1750

Complementary

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



25.3597, 27.1382, 17.2662



17.8208, 17.7936, 32.6324

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.



28.8214, 27.1382, 43.1990



25.3597, 27.1382, 17.2662



23.6943, 27.1382, 44.8305

Square

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



25.3597, 27.1382, 17.2662



21.0441, 27.1382, 30.8176



26.2333, 27.1382, 46.5987



31.2098, 27.1382, 28.3155

Rectangle

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



25.3597, 27.1382, 17.2662



21.8457, 27.1382, 21.9318



26.2333, 27.1382, 46.5987



30.1915, 27.1382, 38.7523

Sweetspot

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



25.3604, 27.1394, 17.2668



51.3371, 54.4047, 51.5109



21.3528, 18.1414, 18.9606



11.2471, 11.9301, 11.0537



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.3604, 27.1394, 17.2668



43.7647, 46.8523, 25.5802



24.7902, 29.3955, 17.7323



6.5889, 6.9828, 6.6064



16.2325, 16.3474, 2.2998



0.2690, 0.2970, 0.0432

Inverse Universe

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



17.8208, 17.7936, 32.6324



27.9821, 27.2953, 57.7657



18.2457, 16.2410, 32.3103



5.9936, 6.2446, 7.8184



5.2721, 2.9409, 25.1975



0.1027, 0.0918, 0.3847

Previews

White Background



This preview shows how the XYZ color 25.3597, 27.1382, 17.2662 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 25.3597, 27.1382, 17.2662 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 25.3597, 27.1382, 17.2662

Background



This preview shows how black text looks on a background with the XYZ color 25.3597, 27.1382, 17.2662.



This preview shows how white text looks on a background with the XYZ color 25.3597, 27.1382,

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

25.3597, 27.1382, 17.2662

Protanopia

25.3597, 27.1382, 17.2662

Deuteranopia

27.5541, 26.9738, 17.3899



Tritanopia

28.1712, 26.9840, 31.3274

Trichromacy



Original Color

25.3597, 27.1382, 17.2662

Protanomaly

25.3597, 27.1382, 17.2662

Deuteranomaly

26.7943, 27.0041, 17.4358

Tritanomaly

26.9636, 26.9108, 25.6030

Monochromacy



Original Color

25.3597, 27.1382, 17.2662

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0982, 26.6280, 24.2390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3597, 27.1382, 17.2662 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(153, 142, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 105)  
}
```

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(153, 142, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.3597, 27.1382, 17.2662 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(153, 142, 105) }
```


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

```
.border{ border-color:rgb(153, 142, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3597, 27.1382, 17.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 105) }
```

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

```
.background{ background-color: rgb(153,  
142, 105) }
```

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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