

Converting Colors

XYZ(25.6402, 29.1478, 17.6016)

Have a look what the booklet for
XYZ(25.6402, 29.1478, 17.6016)
contains.

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Color

**XYZ(25.6689, 29.1285,
17.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	949669
RGB	148, 150, 105
RGB Percent	58%, 59%, 41%
CMY	0.4196, 0.4117, 0.5882
CMYK	0.01, 0.00, 0.30, 0.41
HSL	63°, 18%, 50%
HSV	63°, 30%, 59%
XYZ	25.6689, 29.1285, 17.6341
YIQ	144.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

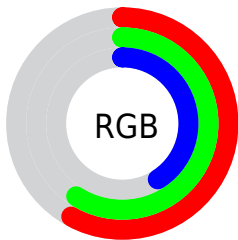
Format	Color
RYB	105, 150, 107
Decimal	9737833
CIELab	60.89, -8.25, 23.56
CIELCh	61, 24.964, 109.303
Yxy	29.1285, 0.3544, 0.4022
Android (android.graphics.Color)	4287927913 (0xFF949669)
YUV	144.2720, -19.3611, 3.2695
Hunter-Lab	53.9708, -9.5531, 18.4075

Details

The XYZ color **25.6689, 29.1285, 17.6341** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6211, 15.4317, 30.9584**, and the grayscale version is **26.6915, 28.0815, 30.5807**.

A 20% lighter version of the original color is **52.3073, 58.3166, 40.3976**, and **10.1301, 11.7605, 5.6070** is the 20% darker color. If you saturate the color by 10%, you get **24.8448, 28.7860, 13.9199**, and if you desaturate by 10%, it is **26.6312, 29.5284, 22.0659**.

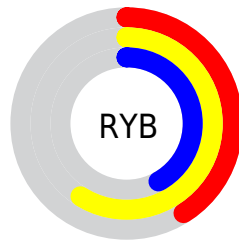
Distribution



Red (58%)

Green (59%)

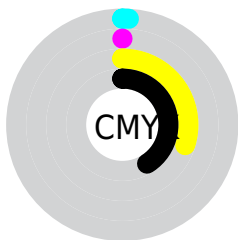
Blue (41%)



Red (41%)

Yellow (59%)

Blue (42%)

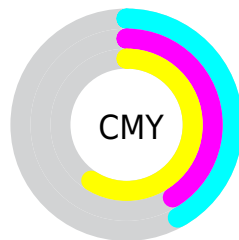


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6689, 29.1285, 17.6341 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 25.6689, 29.1285, 17.6341 by changing the saturation by 10% instead.

■ 25.6689, 29.1285,
17.6341

■ 25.6689, 29.1285,
17.6341

273.4395,
297.8208, 250.9670

■ 16.7075, 19.1781,
10.5209

■ 52.1754, 58.2812,
40.2183

■ 10.1202, 11.7990,
5.6356

■ 70.4513, 78.2522,
56.5264

■ 5.5416, 6.6070,
2.5596

■ 92.5626, 102.3322,
76.7366

■ 2.6064, 3.2175,
0.8715

■ 118.8748,
130.9056, 101.2673

■ 0.9492, 1.2463,
0.0000

149.7533,
164.3568, 130.5372

■ 0.0000, 0.0991,
0.0000

185.5633,

■ 0.0000, 0.0000,

203.0701, 164.9647

0.0000

226.6703,
247.4299, 204.9685

■ 25.6689, 29.1285,
17.6341

■ 25.6689, 29.1285,
17.6341

■ 24.8448, 28.7860,
13.9199

■ 26.6312, 29.5284,
22.0659

■ 24.1495, 28.4940,
10.8838

■ 27.7361, 29.9845,
27.2483

■ 23.5761, 28.2509,
8.4854

■ 28.9906, 30.5004,
33.2145

■ 23.1157, 28.0531,
6.6791

■ 30.4004, 31.0786,
39.9953

■ 22.7587, 27.8967,
5.4134

■ 31.9712, 31.7212,
47.6197

■ 22.4936, 27.7771,
4.6279

■ 33.7080, 32.4303,
56.1152

■ 22.2911, 27.6826,
4.1684

■ 35.6160, 33.2080,
65.5082

■ 37.6999, 34.0562,
75.8240

■ 39.9644, 34.9766,
87.0868

Harmonies

Analogous

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



28.8632, 29.1285, 17.1678



25.6689, 29.1285, 17.6341



23.2086, 29.1285, 21.4094

Triad

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



25.6689, 29.1285, 17.6341



23.8037, 29.1285, 47.3307



34.2989, 29.1285, 35.1590

Complementary

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



25.6689, 29.1285, 17.6341



16.6211, 15.4317, 30.9584

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.



32.7047, 29.1285, 44.8912



25.6689, 29.1285, 17.6341



26.5408, 29.1285, 52.7787

Square

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



25.6689, 29.1285, 17.6341



22.1915, 29.1285, 38.0146



29.8056, 29.1285, 51.8076



34.0194, 29.1285, 26.1546

Rectangle

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



25.6689, 29.1285, 17.6341



22.2364, 29.1285, 25.7961



29.8056, 29.1285, 51.8076



33.9598, 29.1285, 38.4786

Sweetspot

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



25.6696, 29.1298, 17.6347



49.1176, 52.9839, 48.8984



20.3342, 17.9161, 15.7515



10.8237, 11.7166, 10.5462



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.



25.6696, 29.1298, 17.6347



44.2963, 50.9874, 26.5863



22.0614, 27.2697, 17.4659



6.2402, 6.7316, 6.2109



18.4940, 22.9619, 3.4573



0.2327, 0.2843, 0.0426

Inverse Universe

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



16.6211, 15.4317, 30.9584



25.6998, 22.8320, 53.9737



19.6108, 16.9730, 31.0983



5.5220, 5.6445, 7.2682



4.6425, 1.8659, 24.0465



0.0616, 0.0253, 0.2945

Previews

White Background



This preview shows how the XYZ color 25.6689, 29.1285, 17.6341 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 25.6689, 29.1285, 17.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

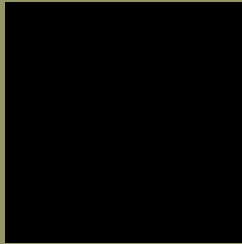
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6689, 29.1285, 17.6341

Background



This preview shows how black text looks on a background with the XYZ color 25.6689, 29.1285, 17.6341.



This preview shows how white text looks on a background with the XYZ color 25.6689, 29.1285,

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

25.6689, 29.1285, 17.6341

Protanopia

27.0330, 29.1360, 17.2957

Deuteranopia

29.6343, 29.1100, 17.9668



Tritanopia

29.2161, 29.1831, 35.1034

Trichromacy



Original Color

25.6689, 29.1285, 17.6341

Protanomaly

26.4150, 29.0493, 17.3116

Deuteranomaly

28.0918, 28.9865, 17.7500

Tritanomaly

27.7431, 29.0393, 27.8098

Monochromacy



Original Color

25.6689, 29.1285, 17.6341

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9852, 28.1892, 25.1906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6689, 29.1285, 17.6341 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, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 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(148, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.6689, 29.1285, 17.6341 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, 150, 105) }
```


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

```
.border{ border-color:rgb(148, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6689, 29.1285, 17.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 105) }
```

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

```
.background{ background-color: rgb(148,  
150, 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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