

Converting Colors

XYZ(25.0324, 29.7013, 35.6666)

Have a look what the booklet for
XYZ(25.0324, 29.7013, 35.6666)
contains.

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Color

**XYZ(25.0582, 29.6249,
35.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	759B9C
RGB	117, 155, 156
RGB Percent	46%, 61%, 61%
CMY	0.5412, 0.3921, 0.3882
CMYK	0.25, 0.01, 0.00, 0.39
HSL	182°, 16%, 54%
HSV	182°, 25%, 61%
XYZ	25.0582, 29.6249, 35.8500
YIQ	143.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

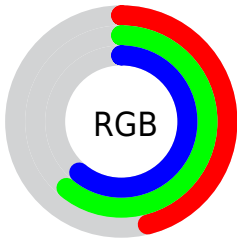
Format	Color
RYB	117, 136, 156
Decimal	7707548
CIELab	61.33, -12.71, -4.78
CIELCh	61, 13.576, 200.605
Yxy	29.6249, 0.2768, 0.3272
Android (android.graphics.Color)	4285897628 (0xFF759B9C)
YUV	143.7520, 6.0383, -23.4615
Hunter-Lab	54.4288, -13.0716, -0.9518

Details

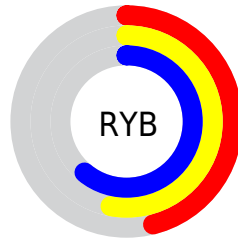
The XYZ color **25.0582, 29.6249, 35.8500** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3999, 21.3092, 19.7099**, and the grayscale version is **26.3933, 27.7678, 30.2391**.

A 20% lighter version of the original color is **51.0109, 58.8001, 69.6338**, and **9.8149, 12.1138, 15.1855** is the 20% darker color. If you saturate the color by 10%, you get **23.0683, 28.5013, 35.7385**, and if you desaturate by 10%, it is **27.3994, 30.9314, 35.9793**.

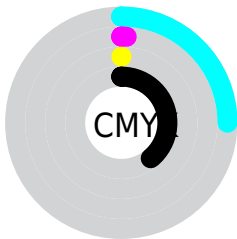
Distribution



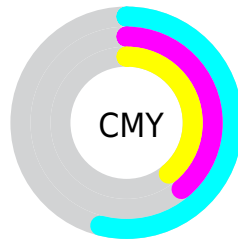
- Red (46%)
- Green (61%)
- Blue (61%)



- Red (46%)
- Yellow (53%)
- Blue (61%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (54%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0582, 29.6249, 35.8500 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 25.0582, 29.6249, 35.8500 by changing the saturation by 10% instead.

■ 25.0582, 29.6249,
35.8500

■ 25.0582, 29.6249,
35.8500

270.4700,
300.1521, 343.3220

■ 16.2494, 19.5541,
24.0296

■ 51.1938, 59.0685,
69.9669

■ 9.7928, 12.0713,
15.1432

■ 69.2514, 79.2100,
93.1005

■ 5.3230, 6.7923,
8.7722

■ 91.1225, 103.4772,
120.8422

■ 2.4747, 3.3325,
4.4981

117.1726,
132.2544, 153.6107

■ 0.8825, 1.3077,
1.9024

147.7671,
165.9262, 191.8243

■ 0.0000, 0.1472,
0.4943

183.2712,

■ 0.0000, 0.0000,

204.8768, 235.9017

0.0000

224.0504,
249.4906, 286.2614

■ 25.0582, 29.6249,
35.8500

■ 25.0582, 29.6249,
35.8500

■ 23.0683, 28.5013,
35.7385

■ 27.3994, 30.9314,
35.9793

■ 21.4098, 27.5482,
35.6419

■ 30.1054, 32.4255,
36.1250

■ 20.0647, 26.7570,
35.5601

■ 33.1921, 34.1162,
36.2887

■ 19.0125, 26.1170,
35.4920

■ 36.6738, 36.0109,
36.4709

■ 18.2300, 25.6165,
35.4367

■ 40.5640, 38.1164,
36.6723

■ 17.6906, 25.2415,
35.3927

■ 44.8756, 40.4396,
36.8934

■ 17.3606, 24.9749,
35.3587

■ 49.6208, 42.9866,
37.1350

■ 17.2305, 24.8597,
35.3433

■ 54.8116, 45.7637,
37.3974

■ 59.5697, 48.3180,
37.6397

Harmonies

Analogous

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



24.8976, 29.6249, 30.6745



25.0582, 29.6249, 35.8500



26.0298, 29.6249, 40.4864

Triad

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



25.0582, 29.6249, 35.8500



30.9011, 29.6249, 38.9233



28.7230, 29.6249, 23.4787

Complementary

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



25.0582, 29.6249, 35.8500



23.3999, 21.3092, 19.7099

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.



30.3982, 29.6249, 25.2250



25.0582, 29.6249, 35.8500



31.6904, 29.6249, 33.8920

Square

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



25.0582, 29.6249, 35.8500



29.3859, 29.6249, 42.3871



31.5025, 29.6249, 28.9115



26.9640, 29.6249, 23.8841

Rectangle

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



25.0582, 29.6249, 35.8500



27.0304, 29.6249, 42.4725



31.5025, 29.6249, 28.9115



29.3157, 29.6249, 23.8259

Sweetspot

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



25.0591, 29.6261, 35.8507



53.5705, 58.2830, 65.5530



22.4744, 28.8591, 21.4171



11.7288, 12.7923, 14.4214



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.



25.0591, 29.6261, 35.8507



43.4146, 52.6264, 64.9965



22.1205, 23.7489, 34.8711



6.8073, 7.4803, 8.4917



14.1965, 20.4845, 29.1129



0.2579, 0.3744, 0.5219

Inverse Universe

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



25.9887, 22.1577, 33.9188



45.4064, 36.7071, 60.8388



25.8887, 26.2868, 20.5395



6.8968, 6.7517, 8.3078



15.9639, 7.6901, 25.1249



0.2875, 0.1383, 0.4601

Previews

White Background



This preview shows how the XYZ color 25.0582, 29.6249, 35.8500 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 25.0582, 29.6249, 35.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

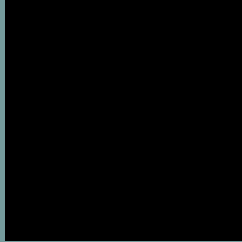
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.0582, 29.6249, 35.8500

Background



This preview shows how black text looks on a background with the XYZ color 25.0582, 29.6249, 35.8500.

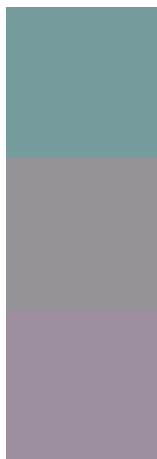


This preview shows how white text looks on a background with the XYZ color 25.0582, 29.6249,

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

25.0582, 29.6249, 35.8500

Protanopia

28.4141, 29.4914, 33.4730

Deuteranopia

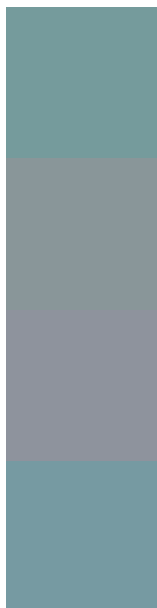
29.8986, 29.2816, 36.4238



Tritanopia

25.8819, 29.4576, 40.3982

Trichromacy



Original Color

25.0582, 29.6249, 35.8500

Protanomaly

26.9726, 29.4310, 34.3961

Deuteranomaly

27.6749, 29.0525, 36.0474

Tritanomaly

25.5484, 29.5714, 38.5437

Monochromacy



Original Color

25.0582, 29.6249, 35.8500

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7667, 28.3863, 32.1380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0582, 29.6249, 35.8500 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(117, 155, 156)` looks like.

```
.text, #text, p{  
    color:rgb(117, 155, 156)  
}
```

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(117, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 155, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.0582, 29.6249, 35.8500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

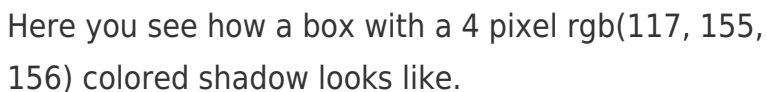
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 155, 156) }
```


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

```
.border{ border-color:rgb(117, 155, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 155, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(117, 155,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0582, 29.6249, 35.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 155, 156) }
```

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

```
.background{ background-color: rgb(117,  
155, 156) }
```

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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