

Converting Colors

XYZ(25.8594, 30.2762, 36.3792)

Have a look what the booklet for
XYZ(25.8594, 30.2762, 36.3792)
contains.

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Color

**XYZ(25.8594, 30.2762,
36.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	799C9D
RGB	121, 156, 157
RGB Percent	47%, 61%, 62%
CMY	0.5255, 0.3882, 0.3843
CMYK	0.23, 0.01, 0.00, 0.38
HSL	182°, 16%, 55%
HSV	182°, 23%, 62%
XYZ	25.8594, 30.2762, 36.3792
YIQ	145.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

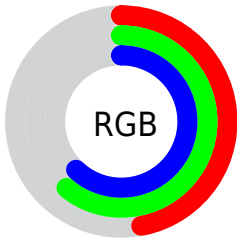
Format	Color
RYB	121, 139, 157
Decimal	7969949
CIELab	61.89, -11.75, -4.48
CIElCh	62, 12.578, 200.885
Yxy	30.2762, 0.2795, 0.3273
Android (android.graphics.Color)	4286160029 (0xFF799C9D)
YUV	145.6490, 5.5960, -21.6172
Hunter-Lab	55.0238, -12.4025, -0.6831

Details

The XYZ color **25.8594, 30.2762, 36.3792** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3156, 22.4676, 21.1448**, and the grayscale version is **27.1627, 28.5773, 31.1207**.

A 20% lighter version of the original color is **52.6335, 60.3407, 71.1602**, and **10.2516, 12.4834, 15.5049** is the 20% darker color. If you saturate the color by 10%, you get **23.7632, 29.0881, 36.2609**, and if you desaturate by 10%, it is **28.3158, 31.6519, 36.5158**.

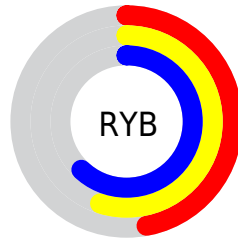
Distribution



Red (47%)

Green (61%)

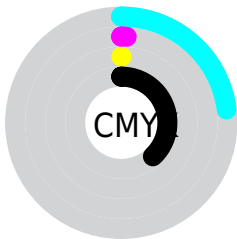
Blue (62%)



Red (47%)

Yellow (55%)

Blue (62%)

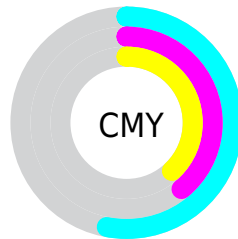


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8594, 30.2762, 36.3792 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 25.8594, 30.2762, 36.3792 by changing the saturation by 10% instead.

■ 25.8594, 30.2762,
36.3792

■ 25.8594, 30.2762,
36.3792

274.3606,
303.1898, 345.7023

■ 16.8506, 20.0483,
24.4352

■ 52.4810, 60.0987,
70.7926

■ 10.2227, 12.4302,
15.4416

■ 70.8244, 80.4621,
94.0990

■ 5.6102, 7.0374,
8.9798

■ 93.0102, 104.9728,
122.0300

■ 2.6480, 3.4855,
4.6314

119.4036,
134.0152, 155.0041

■ 0.9705, 1.3901,
1.9777

150.3700,
167.9738, 193.4399

■ 0.0000, 0.2094,
0.5415

186.2747,

■ 0.0000, 0.0000,

207.2327, 237.7558

0.0000

227.4831,
252.1766, 288.3704

■ 25.8594, 30.2762,
36.3792

■ 25.8594, 30.2762,
36.3792

■ 23.7632, 29.0881,
36.2609

■ 28.3158, 31.6519,
36.5158

■ 22.0071, 28.0750,
36.1579

■ 31.1457, 33.2198,
36.6692

■ 20.5734, 27.2285,
36.0700

■ 34.3653, 34.9889,
36.8410

■ 19.4415, 26.5379,
35.9964

■ 37.9889, 36.9667,
37.0318

■ 18.5885, 25.9915,
35.9359

■ 42.0300, 39.1601,
37.2422

■ 17.9882, 25.5757,
35.8873

■ 46.5015, 41.5758,
37.4728

■ 17.6094, 25.2746,
35.8491

■ 51.4160, 44.2203,
37.7242

■ 17.4198, 25.1022,
35.8258

■ 56.7852, 47.0996,
37.9970

■ 59.8828, 48.8081,
38.1635

Harmonies

Analogous

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



25.6999, 30.2762, 31.5199



25.8594, 30.2762, 36.3792



26.7840, 30.2762, 40.6873

Triad

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



25.8594, 30.2762, 36.3792



31.3597, 30.2762, 39.1613



29.2920, 30.2762, 24.6396

Complementary

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



25.8594, 30.2762, 36.3792



24.3156, 22.4676, 21.1448

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.



30.8656, 30.2762, 26.2885



25.8594, 30.2762, 36.3792



32.0896, 30.2762, 34.4549

Square

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



25.8594, 30.2762, 36.3792



29.9451, 30.2762, 42.3991



31.9054, 30.2762, 29.7726



27.6390, 30.2762, 25.0468

Rectangle

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



25.8594, 30.2762, 36.3792



27.7305, 30.2762, 42.5149



31.9054, 30.2762, 29.7726



29.8488, 30.2762, 24.9653

Sweetspot

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



25.8603, 30.2774, 36.3799



53.5633, 58.2686, 65.5506



23.4307, 29.5746, 22.7567



11.7271, 12.7889, 14.4208



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.



25.8603, 30.2774, 36.3799



44.1287, 52.9885, 65.0287



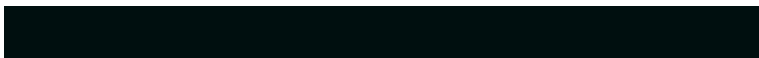
23.1174, 24.7918, 35.4656



6.8061, 7.4779, 8.4913



14.1525, 20.3966, 29.0983



0.2575, 0.3735, 0.5218

Inverse Universe

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



26.7434, 23.2438, 34.5309



46.0270, 37.9515, 61.0357



26.6760, 27.1886, 21.9316



6.8962, 6.7514, 8.3046



15.9418, 7.6813, 25.0080



0.2873, 0.1382, 0.4589

Previews

White Background



This preview shows how the XYZ color 25.8594, 30.2762, 36.3792 looks on a white background.

Color Contrast Check

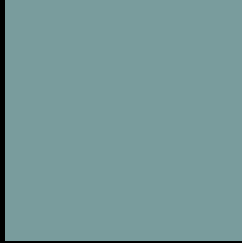
Large Text (above 18pt) WCAG AA × Fail

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 25.8594, 30.2762, 36.3792 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 ✓ Pass

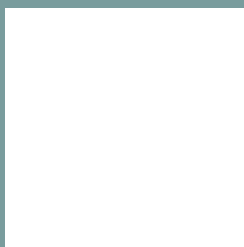
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8594, 30.2762, 36.3792

Background



This preview shows how black text looks on a background with the XYZ color 25.8594, 30.2762, 36.3792.



This preview shows how white text looks on a background with the XYZ color 25.8594, 30.2762,

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

25.8594, 30.2762, 36.3792

Protanopia

29.0199, 30.0261, 33.9719

Deuteranopia

30.6815, 30.1249, 36.9985



Tritanopia

26.6990, 30.1122, 40.9643

Trichromacy



Original Color

25.8594, 30.2762, 36.3792

Protanomaly

27.7146, 30.0418, 34.9098

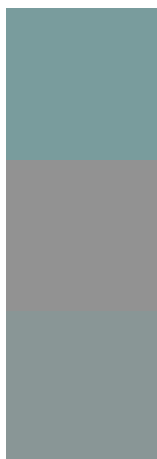
Deuteranomaly

28.5961, 29.9833, 36.6279

Tritanomaly

26.3582, 30.2246, 39.0950

Monochromacy



Original Color

25.8594, 30.2762, 36.3792

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7279, 29.3331, 33.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8594, 30.2762, 36.3792 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(121, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 156, 157)  
}
```

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(121, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.8594, 30.2762, 36.3792 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(121, 156, 157) }
```


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

```
.border{ border-color:rgb(121, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8594, 30.2762, 36.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 157) }
```

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

```
.background{ background-color: rgb(121,  
156, 157) }
```

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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