

Converting Colors

XYZ(25.6377, 29.9795, 29.7628)

Have a look what the booklet for
XYZ(25.6377, 29.9795, 29.7628)
contains.

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Color

**XYZ(25.7350, 30.1116,
29.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	829B8D
RGB	130, 155, 141
RGB Percent	51%, 61%, 55%
CMY	0.4902, 0.3921, 0.4471
CMYK	0.16, 0.00, 0.09, 0.39
HSL	146°, 11%, 56%
HSV	146°, 16%, 61%
XYZ	25.7350, 30.1116, 29.6550
YIQ	145.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

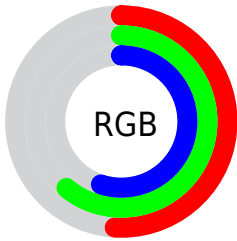
Format	Color
RYB	130, 147, 155
Decimal	8559501
CIELab	61.75, -11.66, 4.41
CIELCh	62, 12.469, 159.281
Yxy	30.1116, 0.3010, 0.3522
Android (android.graphics.Color)	4286749581 (0xFF829B8D)
YUV	145.9290, -2.4300, -13.9697
Hunter-Lab	54.8740, -12.3161, 6.3704

Details

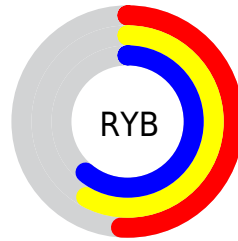
The XYZ color **25.7350, 30.1116, 29.6550** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.5354, 24.9483, 29.8040**, and the grayscale version is **27.3059, 28.7279, 31.2847**.

A 20% lighter version of the original color is **52.1792, 59.6083, 60.3852**, and **10.1469, 12.3614, 11.7487** is the 20% darker color. If you saturate the color by 10%, you get **22.9135, 28.7296, 26.2825**, and if you desaturate by 10%, it is **28.9670, 31.7010, 33.3123**.

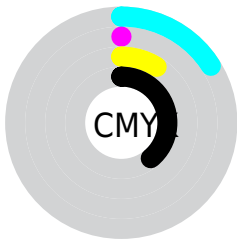
Distribution



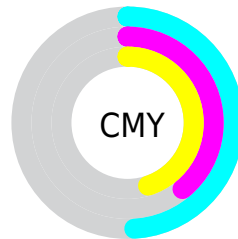
- Red (51%)
- Green (61%)
- Blue (55%)



- Red (51%)
- Yellow (58%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7350, 30.1116, 29.6550 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 25.7350, 30.1116, 29.6550 by changing the saturation by 10% instead.

■ 25.7350, 30.1116,
29.6550

■ 25.7350, 30.1116,
29.6550

273.7594,
302.4243, 314.4501

■ 16.7571, 19.9233,
19.3270

■ 52.2815, 59.8386,
60.1707

■ 10.1557, 12.3393,
11.7276

■ 70.5808, 80.1461,
81.1955

■ 5.5654, 6.9752,
6.4382

■ 92.7180, 104.5955,
106.6230

■ 2.6208, 3.4466,
3.0403

119.0584,
133.5712, 136.8718

■ 0.9566, 1.3691,
1.1152

149.9674,
167.4575, 172.3604

■ 0.0000, 0.1938,
0.0000

185.8103,

■ 0.0000, 0.0000,

206.6389, 213.5072

0.0000

226.9525,
251.4997, 260.7310

■ 25.7350, 30.1116,
29.6550

■ 25.7350, 30.1116,
29.6550

■ 22.9135, 28.7296,
26.2825

■ 28.9670, 31.7010,
33.3123

■ 20.4829, 27.5426,
23.1861

■ 32.6231, 33.5022,
37.2589

■ 18.4256, 26.5425,
20.3592

■ 36.7193, 35.5242,
41.5020

■ 16.7218, 25.7191,
17.7944

■ 41.2701, 37.7743,
46.0477

■ 15.3495, 25.0614,
15.4840

■ 46.2891, 40.2595,
50.9018

■ 14.2845, 24.5570,
13.4197

■ 51.7897, 42.9864,
56.0703

■ 13.4985, 24.1914,
11.5929

■ 57.7843, 45.9615,
61.5588

■ 12.9522, 23.9446,
9.9940

■ 64.2853, 49.1909,
67.3727

■ 12.7712, 23.8635,
9.4330

■ 65.7651, 49.8251,
73.2581

Harmonies

Analogous

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



26.6449, 30.1116, 26.2023



25.7350, 30.1116, 29.6550



25.5818, 30.1116, 34.2842

Triad

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



25.7350, 30.1116, 29.6550



29.1385, 30.1116, 42.6698



31.1648, 30.1116, 27.3284

Complementary

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



25.7350, 30.1116, 29.6550



26.5354, 24.9483, 29.8040

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.



31.8901, 30.1116, 31.3329



25.7350, 30.1116, 29.6550



30.6907, 30.1116, 40.3903

Square

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



25.7350, 30.1116, 29.6550



27.5048, 30.1116, 42.1097



31.7133, 30.1116, 36.1309



29.7653, 30.1116, 24.9520

Rectangle

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



25.7350, 30.1116, 29.6550



25.9232, 30.1116, 37.4678



31.7133, 30.1116, 36.1309



31.4980, 30.1116, 28.5122

Sweetspot

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



25.7358, 30.1129, 29.6557



52.5147, 57.0856, 60.3614



27.2824, 31.0001, 25.6653



11.7944, 12.8757, 13.5611



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.



25.7358, 30.1129, 29.6557



44.3714, 53.0842, 51.0951



26.7057, 30.5008, 34.7627



6.2394, 6.9685, 7.1840



10.2760, 19.1739, 7.6742



0.1715, 0.2938, 0.2087

Inverse Universe

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



26.5354, 24.9483, 29.8040



46.0526, 42.2227, 51.4063



25.6432, 24.5914, 25.1060



6.3463, 6.2777, 7.2039



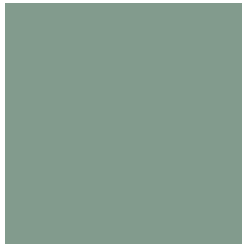
12.2522, 6.1551, 7.8532



0.2014, 0.0993, 0.2136

Previews

White Background



This preview shows how the XYZ color 25.7350, 30.1116, 29.6550 looks on a white background.

Color Contrast Check

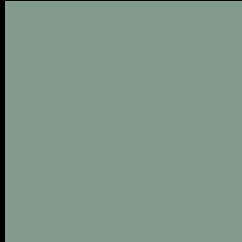
Large Text (above 18pt) WCAG AA × Fail

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 25.7350, 30.1116, 29.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

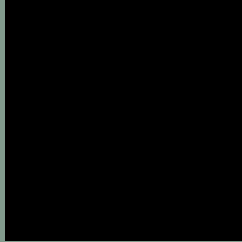
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7350, 30.1116, 29.6550

Background



This preview shows how black text looks on a background with the XYZ color 25.7350, 30.1116, 29.6550.

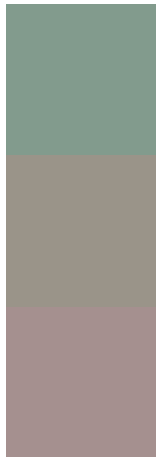


This preview shows how white text looks on a background with the XYZ color 25.7350, 30.1116, 29.6550.

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

25.7350, 30.1116, 29.6550

Protanopia

28.4317, 29.8560, 27.9312

Deuteranopia

30.4482, 29.9290, 30.1587



Tritanopia

27.7606, 30.2051, 39.4890

Trichromacy



Original Color

25.7350, 30.1116, 29.6550

Protanomaly

27.3311, 29.9879, 28.3925

Deuteranomaly

28.4213, 29.8082, 29.8468

Tritanomaly

27.0648, 30.1693, 35.8493

Monochromacy



Original Color

25.7350, 30.1116, 29.6550

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5967, 29.0840, 30.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7350, 30.1116, 29.6550 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(130, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(130, 155, 141)  
}
```

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(130, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.7350, 30.1116, 29.6550 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(130, 155, 141) }
```


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

```
.border{ border-color:rgb(130, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(130, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7350, 30.1116, 29.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 155, 141) }
```

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

```
.background{ background-color: rgb(130,  
155, 141) }
```

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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