

Converting Colors

XYZ(25.4897, 28.9511, 31.6753)

Have a look what the booklet for
XYZ(25.4897, 28.9511, 31.6753)
contains.

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Color

**XYZ(25.5390, 28.9856,
31.8525)**

Conversions

Conversions Part 1

Format	Color
Hex	829793
RGB	130, 151, 147
RGB Percent	51%, 59%, 58%
CMY	0.4902, 0.4078, 0.4235
CMYK	0.14, 0.00, 0.03, 0.41
HSL	169°, 9%, 55%
HSV	169°, 14%, 59%
XYZ	25.5390, 28.9856, 31.8525
YIQ	144.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

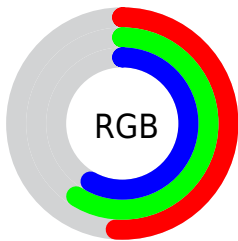
Format	Color
R_{YB}	130, 142, 151
Decimal	8558483
CIE _{Lab}	60.77, -8.26, -0.41
CIE _{LCh}	61, 8.265, 182.823
Yxy	28.9856, 0.2957, 0.3356
Android (android.graphics.Color)	4286748563 (0xFF829793)
YUV	144.2650, 1.3484, -12.5104
Hunter-Lab	53.8383, -9.5428, 2.6089

Details

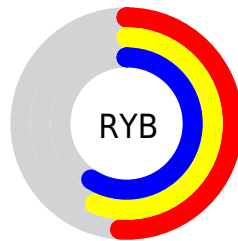
The XYZ color **25.5390, 28.9856, 31.8525** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0493, 24.2666, 25.9193**, and the grayscale version is **26.6147, 28.0007, 30.4928**.

A 20% lighter version of the original color is **51.9024, 57.9470, 63.7077**, and **10.0231, 11.6829, 13.0360** is the 20% darker color. If you saturate the color by 10%, you get **23.1679, 27.7898, 30.5780**, and if you desaturate by 10%, it is **28.2574, 30.3613, 33.1740**.

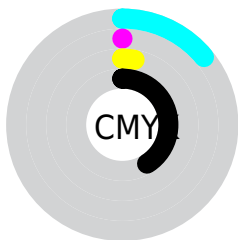
Distribution



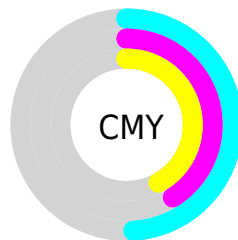
- Red (51%)
- Green (59%)
- Blue (58%)



- Red (51%)
- Yellow (56%)
- Blue (59%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5390, 28.9856, 31.8525 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 25.5390, 28.9856, 31.8525 by changing the saturation by 10% instead.

■ 25.5390, 28.9856,
31.8525

■ 25.5390, 28.9856,
31.8525

272.8101,
297.1470, 324.9188

■ 16.6099, 19.0699,
20.9850

■ 51.9669, 58.0542,
63.6750

■ 10.0504, 11.7208,
12.9219

■ 70.1965, 77.9759,
85.4671

■ 5.4949, 6.5539,
7.2447

■ 92.2570, 102.0018,
111.7377

■ 2.5782, 3.1847,
3.5348

118.5137,
130.5162, 142.9055

■ 0.9348, 1.2289,
1.3738

149.3320,
163.9035, 179.3890

■ 0.0000, 0.0851,
0.1211

185.0772,

■ 0.0000, 0.0000,

202.5482, 221.6066

0.0000

226.1148,
246.8345, 269.9771

■ 25.5390, 28.9856,
31.8525

■ 25.5390, 28.9856,
31.8525

■ 23.1679, 27.7898,
30.5780

■ 28.2574, 30.3613,
33.1740

■ 21.1267, 26.7627,
29.3476

■ 31.3344, 31.9205,
34.5413

■ 19.4005, 25.8972,
28.1611

■ 34.7841, 33.6712,
35.9560

■ 17.9720, 25.1847,
27.0173

■ 38.6187, 35.6196,
37.4188

■ 16.8224, 24.6152,
25.9152

■ 42.8503, 37.7720,
38.9305

■ 15.9306, 24.1780,
24.8535

■ 47.4902, 40.1342,
40.4918

■ 15.2725, 23.8607,
23.8310

■ 52.5493, 42.7118,
42.1035

■ 14.8192, 23.6484,
22.8460

■ 58.0379, 45.5102,
43.7662

■ 14.5941, 23.5450,
22.2620

■ 59.8402, 46.4075,
45.2874

Harmonies

Analogous

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



25.7539, 28.9856, 28.9362



25.5390, 28.9856, 31.8525



25.8512, 28.9856, 34.8749

Triad

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



25.5390, 28.9856, 31.8525



28.6842, 28.9856, 36.7942



28.5037, 28.9856, 26.5874

Complementary

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



25.5390, 28.9856, 31.8525



25.0493, 24.2666, 25.9193

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.



29.3215, 28.9856, 28.4628



25.5390, 28.9856, 31.8525



29.4276, 28.9856, 34.3386

Square

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



25.5390, 28.9856, 31.8525



27.6518, 28.9856, 37.8417



29.6638, 28.9856, 31.2701



27.4484, 28.9856, 26.0158

Rectangle

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



25.5390, 28.9856, 31.8525



26.3212, 28.9856, 36.5096



29.6638, 28.9856, 31.2701



28.8164, 28.9856, 27.0800

Sweetspot

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



25.5398, 28.9868, 31.8531



50.5142, 54.3259, 59.3664



24.9602, 28.8309, 25.3690



11.3982, 12.3056, 13.4545



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.



25.5398, 28.9868, 31.8531



44.2103, 51.1386, 56.2496



24.8724, 27.1405, 33.2072



6.3341, 7.0064, 7.6827



12.4249, 20.0334, 18.9899



0.1973, 0.3041, 0.3447

Inverse Universe

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



25.0493, 24.2666, 25.9193



43.1406, 40.8437, 43.3093



25.6392, 25.8849, 24.7646



6.2545, 6.2410, 6.7204



11.0521, 5.6751, 1.5333



0.1756, 0.0890, 0.0777

Previews

White Background



This preview shows how the XYZ color 25.5390, 28.9856, 31.8525 looks on a white background.

Color Contrast Check

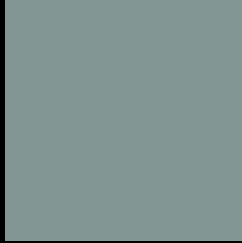
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5390, 28.9856, 31.8525 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

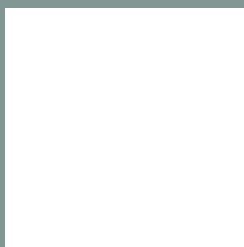
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5390, 28.9856, 31.8525

Background



This preview shows how black text looks on a background with the XYZ color 25.5390, 28.9856, 31.8525.



This preview shows how white text looks on a background with the XYZ color 25.5390, 28.9856,

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

25.5390, 28.9856, 31.8525

Protanopia

27.7074, 28.9609, 30.5152

Deuteranopia

29.3959, 28.8869, 32.4602



Tritanopia

26.6962, 28.9736, 37.9036

Trichromacy



Original Color

25.5390, 28.9856, 31.8525

Protanomaly

26.8561, 28.9749, 30.9653

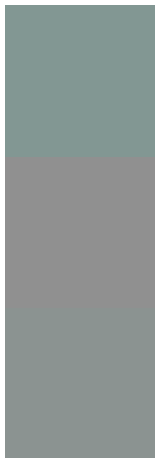
Deuteranomaly

27.6834, 28.6848, 32.0946

Tritanomaly

26.2672, 29.0383, 35.6730

Monochromacy



Original Color

25.5390, 28.9856, 31.8525

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1920, 28.4007, 30.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5390, 28.9856, 31.8525 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, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 151, 147)  
}
```

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, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.5390, 28.9856, 31.8525 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, 151, 147) }
```


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

```
.border{ border-color:rgb(130, 151, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5390, 28.9856, 31.8525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 151, 147) }
```

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

```
.background{ background-color: rgb(130,  
151, 147) }
```

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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