

Converting Colors

XYZ(26.7304, 36.0935, 31.5299)

Have a look what the booklet for
XYZ(26.7304, 36.0935, 31.5299)
contains.

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Color

**XYZ(26.5946, 35.8943,
31.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAF8F
RGB	109, 175, 143
RGB Percent	43%, 69%, 56%
CMY	0.5725, 0.3137, 0.4392
CMYK	0.38, 0.00, 0.18, 0.31
HSL	151°, 29%, 56%
HSV	151°, 38%, 69%
XYZ	26.5946, 35.8943, 31.5132
YIQ	151.6180, -29.0640, -23.9440

Conversions

Conversions Part 2

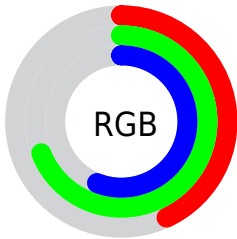
Format	Color
RYB	109, 153, 175
Decimal	7188367
CIELab	66.44, -28.31, 9.84
CIElCh	66, 29.972, 160.830
Yxy	35.8943, 0.2829, 0.3818
Android (android.graphics.Color)	4285378447 (0xFF6DAF8F)
YUV	151.6180, -4.2487, -37.3760
Hunter-Lab	59.9119, -25.6104, 10.7522

Details

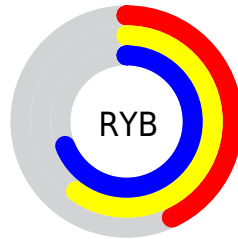
The XYZ color **26.5946, 35.8943, 31.5132** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.9568, 21.9753, 27.9690**, and the grayscale version is **29.7079, 31.2551, 34.0368**.

A 20% lighter version of the original color is **53.7582, 68.9696, 63.3024**, and **10.6227, 15.5792, 12.8031** is the 20% darker color. If you saturate the color by 10%, you get **24.0338, 34.6466, 28.1642**, and if you desaturate by 10%, it is **29.6346, 37.3853, 35.1400**.

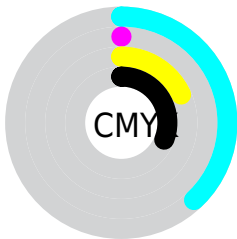
Distribution



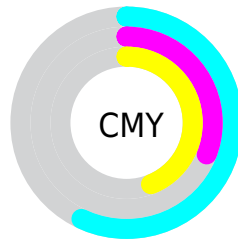
- Red (43%)
- Green (69%)
- Blue (56%)



- Red (43%)
- Yellow (60%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)





- Cyan (57%)
- Magenta (31%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5946, 35.8943, 31.5132 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 26.5946, 35.8943, 31.5132 by changing the saturation by 10% instead.


 26.5946, 35.8943,
31.5132


 26.5946, 35.8943,
31.5132

277.8923,
328.4983, 323.3198


 17.4040, 24.3526,
20.7282

 53.6571, 68.8689,
63.1362


 10.6200, 15.5954,
12.7362


 72.2598, 91.0705,
84.8112

 5.8774, 9.2383,
7.1185


 94.7305, 117.5943,
110.9534

 2.8106, 4.8969,
3.4568

 121.4346,
148.8245, 141.9812

 1.0544, 2.1869,
1.3323

152.7375,
185.1457, 178.3132

 0.0000, 0.7128,
0.0881

189.0045,

 0.0000, 0.0000,

226.9421, 220.3680

0.0000

230.6010,
274.5982, 268.5640

■ 26.5946, 35.8943,
31.5132

■ 26.5946, 35.8943,
31.5132

■ 24.0338, 34.6466,
28.1642

■ 29.6346, 37.3853,
35.1400

■ 21.9226, 33.6243,
25.0838

■ 33.1754, 39.1278,
39.0488

■ 20.2327, 32.8137,
22.2655


■ 37.2407, 41.1349,
43.2467

■ 18.9309, 32.1980,
19.7020


■ 41.8519, 43.4174,
47.7397


■ 17.9788, 31.7574,
17.3852


■ 47.0291, 45.9855,
52.5337

 17.3164, 31.4613,
15.3057

 52.7913, 48.8491,
57.6345

 17.1825, 31.4019,
14.8619

 59.1566, 52.0174,
63.0475

 66.1426, 55.4992,
68.7783

 69.4055, 57.0552,
74.6279

Harmonies

Analogous

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



28.7776, 35.8943, 23.2013



26.5946, 35.8943, 31.5132



26.3203, 35.8943, 43.9148

Triad

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



26.5946, 35.8943, 31.5132



35.7644, 35.8943, 68.7434



41.0744, 35.8943, 25.0440

Complementary

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



26.5946, 35.8943, 31.5132



27.9568, 21.9753, 27.9690

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.



43.3175, 35.8943, 34.6189



26.5946, 35.8943, 31.5132



40.0778, 35.8943, 60.9341

Square

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



26.5946, 35.8943, 31.5132



31.3594, 35.8943, 67.3962



42.9376, 35.8943, 47.7767



37.0305, 35.8943, 20.0722

Rectangle

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



26.5946, 35.8943, 31.5132



27.2273, 35.8943, 53.1724



42.9376, 35.8943, 47.7767



42.0794, 35.8943, 27.7319

Sweetspot

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



26.5956, 35.8958, 31.5140



64.0545, 72.3637, 74.7775



29.2468, 37.5164, 20.1685



14.0204, 15.9768, 16.3978



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5956, 35.8958, 31.5140



43.8659, 62.4490, 51.5628



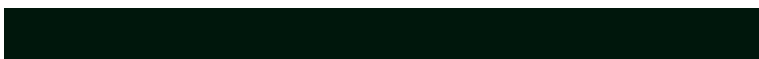
29.3757, 37.0078, 46.1541



8.0702, 9.0057, 9.3949



12.3356, 22.4995, 10.8071



0.3707, 0.6369, 0.4456

Inverse Universe

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



27.9568, 21.9753, 27.9690



46.6472, 34.0144, 44.3257



25.9092, 21.1562, 17.1866



8.1610, 8.0776, 9.1584



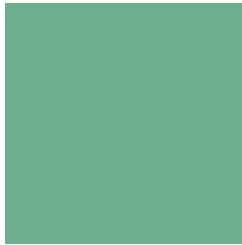
13.8615, 7.0072, 6.9163



0.4134, 0.2060, 0.3385

Previews

White Background



This preview shows how the XYZ color 26.5946, 35.8943, 31.5132 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 26.5946, 35.8943, 31.5132 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

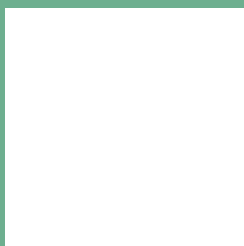
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5946, 35.8943, 31.5132

Background



This preview shows how black text looks on a background with the XYZ color 26.5946, 35.8943, 31.5132.

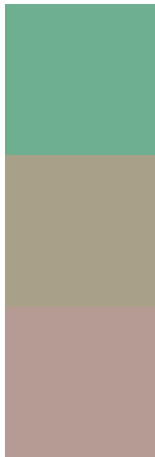


This preview shows how white text looks on a background with the XYZ color 26.5946, 35.8943,

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

26.5946, 35.8943, 31.5132

Protanopia

33.3769, 35.3542, 28.3574

Deuteranopia

36.0439, 35.3730, 32.5317



Tritanopia

30.2064, 35.6464, 50.0881

Trichromacy



Original Color

26.5946, 35.8943, 31.5132

Protanomaly

30.1480, 34.9774, 29.5884

Deuteranomaly

31.6262, 34.8845, 32.2606

Tritanomaly

28.7010, 35.5978, 42.4041

Monochromacy



Original Color

26.5946, 35.8943, 31.5132

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.1490, 32.5458, 33.2321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5946, 35.8943, 31.5132 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(109, 175, 143)` looks like.

```
.text, #text, p{  
    color:rgb(109, 175, 143)  
}
```

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(109, 175, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 175, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.5946, 35.8943, 31.5132 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(109, 175, 143) }
```


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

```
.border{ border-color:rgb(109, 175, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 175, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 175, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 175, 143);  
box-shadow:4px 4px 4px 4px rgb(109, 175,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5946, 35.8943, 31.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 175, 143) }
```

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

```
.background{ background-color: rgb(109,  
175, 143) }
```

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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