

Converting Colors

XYZ(24.4366, 25.8263, 31.3855)

Have a look what the booklet for
XYZ(24.4366, 25.8263, 31.3855)
contains.

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Color

**XYZ(24.4761, 25.9311,
31.3189)**

Conversions

Conversions Part 1

Format	Color
Hex	868C93
RGB	134, 140, 147
RGB Percent	53%, 55%, 58%
CMY	0.4745, 0.4510, 0.4235
CMYK	0.09, 0.05, 0.00, 0.42
HSL	212°, 6%, 55%
HSV	212°, 9%, 58%
XYZ	24.4761, 25.9311, 31.3189
YIQ	139.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

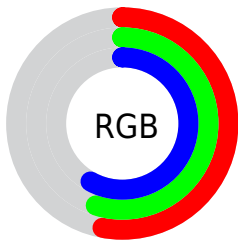
Format	Color
R_{YB}	134, 138, 147
Decimal	8817811
CIE _{Lab}	57.97, -0.74, -4.48
CIE _{LCh}	58, 4.545, 260.661
Yxy	25.9311, 0.2995, 0.3173
Android (android.graphics.Color)	4287007891 (0xFF868C93)
YUV	139.0040, 3.9420, -4.3885
Hunter-Lab	50.9226, -3.3180, -0.8193

Details

The XYZ color **24.4761, 25.9311, 31.3189** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8607, 26.9739, 26.3983**, and the grayscale version is **24.5297, 25.8071, 28.1040**.

A 20% lighter version of the original color is **50.3279, 53.3654, 62.9063**, and **9.4236, 10.0417, 12.5079** is the 20% darker color. If you saturate the color by 10%, you get **21.1792, 22.5769, 30.8456**, and if you desaturate by 10%, it is **28.1834, 29.6217, 31.8363**.

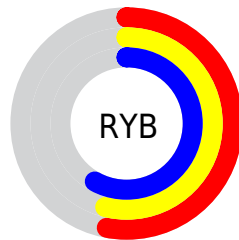
Distribution



Red (53%)

Green (55%)

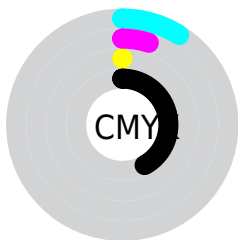
Blue (58%)



Red (53%)

Yellow (54%)

Blue (58%)

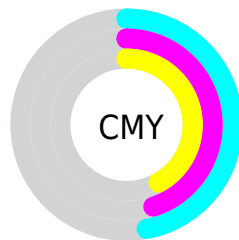


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4761, 25.9311, 31.3189 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 24.4761, 25.9311, 31.3189 by changing the saturation by 10% instead.

■ 24.4761, 25.9311,
31.3189

■ 24.4761, 25.9311,
31.3189

267.6148,
282.4437, 322.4014

■ 15.8138, 16.7721,
20.5813

■ 50.2551, 53.1638,
62.8272

■ 9.4825, 10.0721,
12.6300

■ 68.1024, 72.0062,
84.4351

■ 5.1168, 5.4468,
7.0466

■ 89.7422, 94.8453,
110.5034

■ 2.3514, 2.5117,
3.4124

115.5398,
122.0654, 141.4508

■ 0.8208, 0.8825,
1.3088

145.8605,
154.0509, 177.6957

■ 0.0000, 0.0000,
0.0690

181.0696,

■ 0.0000, 0.0000,

191.1862, 219.6568

0.0000

221.5326,
233.8556, 267.7525

■ 24.4761, 25.9311,
31.3189

■ 24.4761, 25.9311,
31.3189

■ 21.1792, 22.5769,
30.8456

■ 28.1834, 29.6217,
31.8363

■ 18.2754, 19.5455,
30.4136

■ 32.3131, 33.6554,
32.3972

■ 15.7492, 16.8270,
30.0220

■ 36.8795, 38.0426,
33.0033

■ 13.5836, 14.4098,
29.6696

■ 41.8955, 42.7923,
33.6557

■ 11.7597, 12.2814,
29.3549

■ 47.3735, 47.9132,
34.3554

■ 10.2570, 10.4283,
29.0764

■ 53.3255, 53.4137,
35.1035

■ 9.0526, 8.8354,
28.8324

■ 59.7627, 59.3019,
35.9007

■ 8.1199, 7.4859,
28.6211

■ 66.6964, 65.5856,
36.7481

■ 7.4027, 6.3474,
28.4391

■ 69.8559, 70.0654,
37.4463

Harmonies

Analogous

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



23.9847, 25.9311, 30.6339



24.4761, 25.9311, 31.3189



25.0205, 25.9311, 31.1540

Triad

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



24.4761, 25.9311, 31.3189



25.6461, 25.9311, 27.1829



23.8406, 25.9311, 26.3641

Complementary

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



24.4761, 25.9311, 31.3189



25.8607, 26.9739, 26.3983

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.



24.2767, 25.9311, 25.5034



24.4761, 25.9311, 31.3189



25.3209, 25.9311, 25.9639

Square

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



24.4761, 25.9311, 31.3189



25.7014, 25.9311, 28.7272



24.8182, 25.9311, 25.3597



23.6213, 25.9311, 27.7476

Rectangle

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



24.4761, 25.9311, 31.3189



25.3399, 25.9311, 30.5867



24.8182, 25.9311, 25.3597



23.9664, 25.9311, 26.0062

Sweetspot

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



24.4769, 25.9322, 31.3195



47.5807, 50.1862, 56.6137



25.0685, 27.8573, 29.2295



10.7451, 11.3405, 12.9074



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.4769, 25.9322, 31.3195



42.3613, 44.9547, 55.8790



23.6928, 24.2614, 31.0383



5.7069, 6.0478, 7.3363



6.3753, 5.4454, 24.6461



0.1070, 0.1246, 0.3113

Inverse Universe

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



25.2920, 25.1473, 28.3331



44.1940, 43.2302, 49.1552



26.6923, 28.7521, 26.6977



5.9055, 5.8573, 6.6086



11.3450, 5.7431, 5.2979



0.1535, 0.0761, 0.1418

Previews

White Background



This preview shows how the XYZ color 24.4761, 25.9311, 31.3189 looks on a white background.

Color Contrast Check

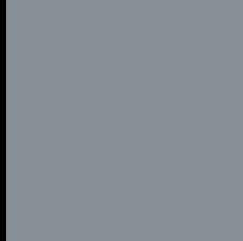
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4761, 25.9311, 31.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

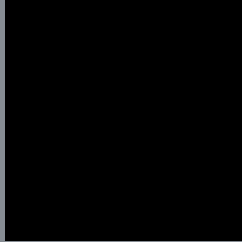
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4761, 25.9311, 31.3189

Background



This preview shows how black text looks on a background with the XYZ color 24.4761, 25.9311, 31.3189.



This preview shows how white text looks on a background with the XYZ color 24.4761, 25.9311,

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

24.4761, 25.9311, 31.3189

Protanopia

25.0920, 25.8277, 30.8569

Deuteranopia

26.4037, 25.8556, 31.6160



Tritanopia

24.7293, 25.8181, 32.5342

Trichromacy



Original Color

24.4761, 25.9311, 31.3189

Protanomaly

24.9022, 25.9438, 30.8893

Deuteranomaly

25.7926, 25.9587, 31.6681

Tritanomaly

24.6491, 25.7861, 32.1118

Monochromacy



Original Color

24.4761, 25.9311, 31.3189

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4316, 25.7366, 29.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4761, 25.9311, 31.3189 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(134, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 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(134, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.4761, 25.9311, 31.3189 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(134, 140, 147) }
```


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

```
.border{ border-color:rgb(134, 140, 147) }
```

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

Here you see how a box with a 4 pixel rgb(134, 140, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4761, 25.9311, 31.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 147) }
```

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

```
.background{ background-color: rgb(134,  
140, 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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