

Converting Colors

XYZ(24.1369, 25.4586, 30.8889)

Have a look what the booklet for
XYZ(24.1369, 25.4586, 30.8889)
contains.

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Color

**XYZ(24.2524, 25.6089,
30.8589)**

Conversions

Conversions Part 1

Format	Color
Hex	868B92
RGB	134, 139, 146
RGB Percent	53%, 55%, 57%
CMY	0.4745, 0.4549, 0.4274
CMYK	0.08, 0.05, 0.00, 0.43
HSL	215°, 5%, 55%
HSV	215°, 8%, 57%
XYZ	24.2524, 25.6089, 30.8589
YIQ	138.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

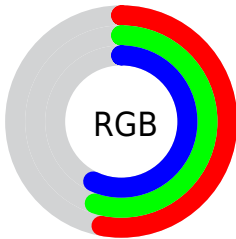
Format	Color
R_{YB}	134, 138, 146
Decimal	8817554
CIE _{Lab}	57.66, -0.38, -4.37
CIE _{LCh}	58, 4.382, 264.979
Yxy	25.6089, 0.3005, 0.3173
Android (android.graphics.Color)	4287007634 (0xFF868B92)
YUV	138.3030, 3.7946, -3.7737
Hunter-Lab	50.6052, -3.0136, -0.7312

Details

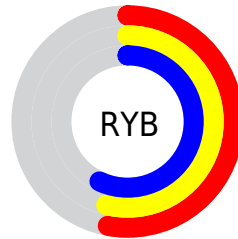
The XYZ color **24.2524, 25.6089, 30.8589** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6820, 26.8816, 26.3896**, and the grayscale version is **24.2612, 25.5246, 27.7963**.

A 20% lighter version of the original color is **49.7685, 52.4342, 62.1413**, and **9.3399, 9.8741, 12.4800** is the 20% darker color. If you saturate the color by 10%, you get **20.8992, 22.1216, 30.3629**, and if you desaturate by 10%, it is **28.0244, 29.4561, 31.4031**.

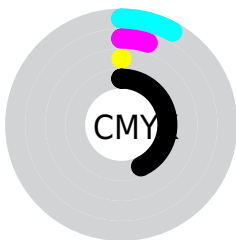
Distribution



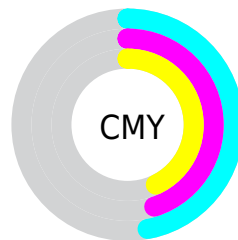
- Red (53%)
- Green (55%)
- Blue (57%)



- Red (53%)
- Yellow (54%)
- Blue (57%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2524, 25.6089, 30.8589 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 24.2524, 25.6089, 30.8589 by changing the saturation by 10% instead.

■ 24.2524, 25.6089,
30.8589

■ 24.2524, 25.6089,
30.8589

266.5109,
280.8569, 320.2188

■ 15.6467, 16.5313,
20.2339

■ 49.8934, 52.6433,
62.0948

■ 9.3638, 9.9009,
12.3794

■ 67.6595, 71.3689,
83.5428

■ 5.0382, 5.3333,
6.8769

■ 89.2098, 94.0793,
109.4355

■ 2.3047, 2.4441,
3.3080

114.9095,
121.1589, 140.1915

■ 0.7971, 0.8484,
1.2540

145.1242,
152.9920, 176.2292

■ 0.0000, 0.0000,
0.0236

180.2190,

■ 0.0000, 0.0000,

189.9632, 217.9673

0.0000

220.5595,
232.4566, 265.8244

■ 24.2524, 25.6089,
30.8589

■ 24.2524, 25.6089,
30.8589

■ 20.8992, 22.1216,
30.3629

■ 28.0244, 29.4561,
31.4031

■ 17.9473, 18.9798,
29.9121

■ 32.2275, 33.6704,
31.9950

■ 15.3812, 16.1728,
29.5055

■ 36.8760, 38.2630,
32.6364

■ 13.1836, 13.6883,
29.1418

■ 41.9830, 43.2437,
33.3286

■ 11.3356, 11.5128,
28.8193

■ 47.5612, 48.6216,
34.0727

■ 9.8165, 9.6321,
28.5363

■ 53.6226, 54.4060,
34.8697

■ 8.6034, 8.0302,
28.2911

■ 60.1787, 60.6053,
35.7208

■ 7.6697, 6.6894,
28.0815

■ 67.2407, 67.2280,
36.6269

■ 6.9643, 5.5789,
27.9043

■ 70.8886, 72.2558,
37.4051

Harmonies

Analogous

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



23.7667, 25.6089, 30.3149



24.2524, 25.6089, 30.8589



24.7686, 25.6089, 30.5827

Triad

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



24.2524, 25.6089, 30.8589



25.2655, 25.6089, 26.6826



23.5244, 25.6089, 26.2600

Complementary

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



24.2524, 25.6089, 30.8589



25.6820, 26.8816, 26.3896

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.



23.9174, 25.6089, 25.3484



24.2524, 25.6089, 30.8589



24.9234, 25.6089, 25.5862

Square

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



24.2524, 25.6089, 30.8589



25.3583, 25.6089, 28.1371



24.4288, 25.6089, 25.1062



23.3503, 25.6089, 27.6319

Rectangle

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



24.2524, 25.6089, 30.8589



25.0598, 25.6089, 29.9756



24.4288, 25.6089, 25.1062



23.6350, 25.6089, 25.8915

Sweetspot

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



24.2531, 25.6100, 30.8595



46.8068, 49.2948, 55.0214



24.9036, 27.5436, 29.1256



10.4325, 10.9863, 12.2429



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.2531, 25.6100, 30.8595



41.5537, 43.9084, 54.2586



23.6733, 24.2602, 30.6295



5.6863, 6.0065, 7.3294



6.0489, 4.7927, 24.5373



0.1020, 0.1147, 0.3097

Inverse Universe

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



25.0399, 25.0257, 27.9381



43.2602, 42.6684, 47.9156



26.2947, 28.3173, 26.6345



5.8951, 5.8531, 6.5536



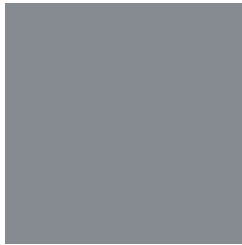
11.1803, 5.6772, 4.4305



0.1510, 0.0751, 0.1287

Previews

White Background



This preview shows how the XYZ color 24.2524, 25.6089, 30.8589 looks on a white background.

Color Contrast Check

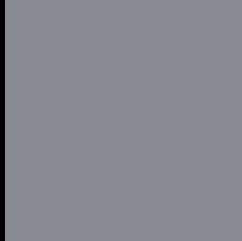
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2524, 25.6089, 30.8589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

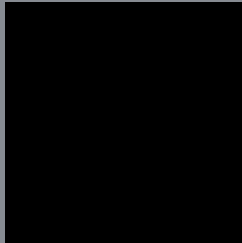
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2524, 25.6089, 30.8589

Background



This preview shows how black text looks on a background with the XYZ color 24.2524, 25.6089, 30.8589.



This preview shows how white text looks on a background with the XYZ color 24.2524, 25.6089,

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

24.2524, 25.6089, 30.8589

Protanopia

24.8468, 25.7103, 30.4411

Deuteranopia

26.0043, 25.4527, 31.1460



Tritanopia

24.5050, 25.4978, 32.0638

Trichromacy



Original Color

24.2524, 25.6089, 30.8589

Protanomaly

24.5158, 25.5397, 30.4256

Deuteranomaly

25.3983, 25.5545, 31.1976

Tritanomaly

24.4254, 25.4660, 31.6450

Monochromacy



Original Color

24.2524, 25.6089, 30.8589

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2127, 25.4184, 28.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2524, 25.6089, 30.8589 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, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(134, 139, 146)  
}
```

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, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.2524, 25.6089, 30.8589 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, 139, 146) }
```


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

```
.border{ border-color:rgb(134, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(134, 139,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2524, 25.6089, 30.8589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 139, 146) }
```

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

```
.background{ background-color: rgb(134,  
139, 146) }
```

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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