

Converting Colors

XYZ(24.3602, 25.7098, 30.4670)

Have a look what the booklet for
XYZ(24.3602, 25.7098, 30.4670)
contains.

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Color

**XYZ(24.3351, 25.6605,
30.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	878B91
RGB	135, 139, 145
RGB Percent	53%, 55%, 57%
CMY	0.4706, 0.4549, 0.4314
CMYK	0.07, 0.04, 0.00, 0.43
HSL	216°, 4%, 55%
HSV	216°, 7%, 57%
XYZ	24.3351, 25.6605, 30.4584
YIQ	138.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

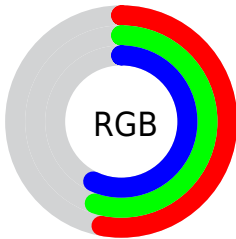
Format	Color
R_{YB}	135, 138, 145
Decimal	8883089
CIE _{Lab}	57.71, -0.24, -3.71
CIE _{LCh}	58, 3.717, 266.351
Yxy	25.6605, 0.3025, 0.3189
Android (android.graphics.Color)	4287073169 (0xFF878B91)
YUV	138.4880, 3.2104, -3.0590
Hunter-Lab	50.6562, -2.8974, -0.1904

Details

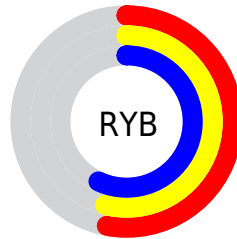
The XYZ color **24.3351, 25.6605, 30.4584** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5751, 26.8183, 26.7505**, and the grayscale version is **24.3339, 25.6011, 27.8796**.

A 20% lighter version of the original color is **49.8975, 52.5142, 61.5392**, and **9.3842, 9.9023, 12.2432** is the 20% darker color. If you saturate the color by 10%, you get **20.9498, 22.1205, 29.9539**, and if you desaturate by 10%, it is **28.1398, 29.5669, 31.0123**.

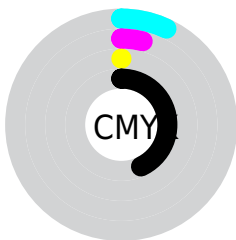
Distribution



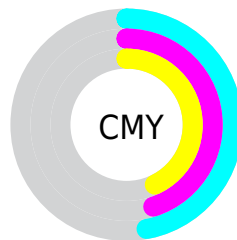
- Red (53%)
- Green (55%)
- Blue (57%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3351, 25.6605, 30.4584 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 24.3351, 25.6605, 30.4584 by changing the saturation by 10% instead.

■ 24.3351, 25.6605,
30.4584

■ 24.3351, 25.6605,
30.4584

266.9194,
281.1115, 318.3089

■ 15.7085, 16.5698,
19.9318

■ 50.0272, 52.7267,
61.4559

■ 9.4076, 9.9283,
12.1619

■ 67.8234, 71.4711,
82.7639

■ 5.0672, 5.3514,
6.7301

■ 89.4067, 94.2021,
108.5027

■ 2.3219, 2.4549,
3.2180

115.1427,
121.3043, 139.0910

■ 0.8059, 0.8539,
1.2070

145.3966,
153.1619, 174.9472

■ 0.0000, 0.0000,
0.0000

180.5338,

190.1594, 216.4899

220.9196,
232.6811, 264.1376

■ 24.3351, 25.6605,
30.4584

■ 24.3351, 25.6605,
30.4584

■ 20.9498, 22.1205,
29.9539

■ 28.1398, 29.5669,
31.0123

■ 17.9667, 18.9323,
29.4958

■ 32.3760, 33.8470,
31.6152

■ 15.3704, 16.0853,
29.0831

■ 37.0580, 38.5122,
32.2689

■ 13.1439, 13.5669,
28.7143

■ 42.1987, 43.5724,
32.9746

■ 11.2685, 11.3636,
28.3879

■ 47.8107, 49.0368,
33.7336

■ 9.7240, 9.4610,
28.1021

■ 53.9058, 54.9147,
34.5469

■ 8.4879, 7.8433,
27.8550

■ 60.4955, 61.2148,
35.4156

■ 7.5344, 6.4926,
27.6445

■ 67.5910, 67.9456,
36.3408

■ 6.8220, 5.3829,
27.4679

■ 71.2332, 73.0691,
37.1378

Harmonies

Analogous

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



23.9183, 25.6605, 30.0306



24.3351, 25.6605, 30.4584



24.7714, 25.6605, 30.1946

Triad

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



24.3351, 25.6605, 30.4584



25.1646, 25.6605, 26.8659



23.6839, 25.6605, 26.6035

Complementary

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



24.3351, 25.6605, 30.4584



25.5751, 26.8183, 26.7505

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.



24.0116, 25.6605, 25.8003



24.3351, 25.6605, 30.4584



24.8669, 25.6605, 25.9486

Square

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



24.3351, 25.6605, 30.4584



25.2538, 25.6605, 28.0962



24.4441, 25.6605, 25.5642



23.5453, 25.6605, 27.7842

Rectangle

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



24.3351, 25.6605, 30.4584



25.0141, 25.6605, 29.6663



24.4441, 25.6605, 25.5642



23.7754, 25.6605, 26.2818

Sweetspot

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



24.3358, 25.6616, 30.4590



46.7935, 49.2683, 55.0170



24.9127, 27.3202, 29.0950



10.4297, 10.9808, 12.2420



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.



24.3358, 25.6616, 30.4590



42.7702, 45.1143, 54.4273



23.9014, 24.5929, 30.2756



5.2957, 5.5872, 6.8281



5.7074, 4.4008, 23.5257



0.0751, 0.0832, 0.2318

Inverse Universe

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



25.0018, 25.2122, 27.9762



44.1738, 44.1807, 49.1909



26.0297, 27.9448, 26.9440



5.4927, 5.4576, 6.0927



10.6839, 5.4306, 3.9869



0.1125, 0.0561, 0.0928

Previews

White Background



This preview shows how the XYZ color 24.3351, 25.6605, 30.4584 looks on a white background.

Color Contrast Check

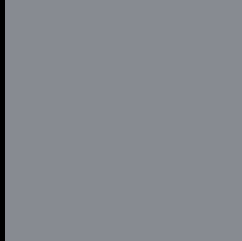
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3351, 25.6605, 30.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

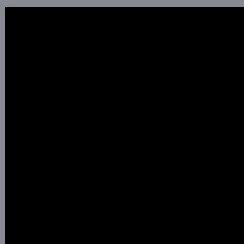
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

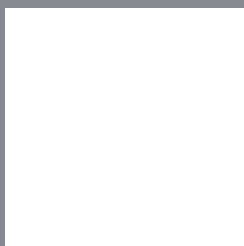
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3351, 25.6605, 30.4584

Background



This preview shows how black text looks on a background with the XYZ color 24.3351, 25.6605, 30.4584.



This preview shows how white text looks on a background with the XYZ color 24.3351, 25.6605,

30.4584.

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

24.3351, 25.6605, 30.4584

Protanopia

24.7700, 25.6795, 30.0367

Deuteranopia

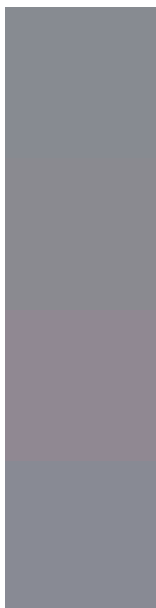
26.1078, 25.5151, 30.7430



Tritanopia

24.6666, 25.5811, 32.0713

Trichromacy



Original Color

24.3351, 25.6605, 30.4584

Protanomaly

24.6038, 25.5938, 30.0289

Deuteranomaly

25.4941, 25.6129, 30.7942

Tritanomaly

24.5871, 25.5493, 31.6526

Monochromacy



Original Color

24.3351, 25.6605, 30.4584

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 24.3351, 25.6605, 30.4584 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(135, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(135, 139, 145)  
}
```

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(135, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.3351, 25.6605, 30.4584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

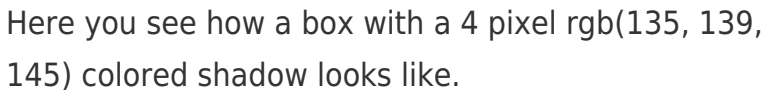
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 139, 145) }
```


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

```
.border{ border-color:rgb(135, 139, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 139, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 139, 145); box-shadow:4px 4px 4px 4px rgb(135, 139, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3351, 25.6605, 30.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 145) }
```

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

```
.background{ background-color: rgb(135,  
139, 145) }
```

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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