

Converting Colors

XYZ(23.5711, 25.8655, 33.0284)

Have a look what the booklet for
XYZ(23.5711, 25.8655, 33.0284)
contains.

XYZ(23.5711, 25.8655, 33.0284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.5711, 25.8655,
33.0284)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8E97
RGB	124, 142, 151
RGB Percent	49%, 56%, 59%
CMY	0.5137, 0.4431, 0.4078
CMYK	0.18, 0.06, 0.00, 0.41
HSL	200°, 11%, 54%
HSV	200°, 18%, 59%
XYZ	23.5711, 25.8655, 33.0284
YIQ	137.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

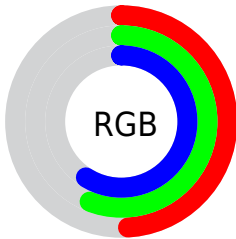
Format	Color
RYB	124, 135, 151
Decimal	8162967
CIELab	57.91, -4.44, -6.95
CIElCh	58, 8.248, 237.444
Yxy	25.8655, 0.2858, 0.3137
Android (android.graphics.Color)	4286353047 (0xFF7C8E97)
YUV	137.6440, 6.5845, -11.9658
Hunter-Lab	50.8581, -6.2728, -2.9035

Details

The XYZ color **23.5711, 25.8655, 33.0284** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7883, 24.8095, 22.5515**, and the grayscale version is **24.0020, 25.2520, 27.4994**.

A 20% lighter version of the original color is **48.8908, 53.2347, 65.4561**, and **9.0290, 10.0702, 13.5245** is the 20% darker color. If you saturate the color by 10%, you get **20.8221, 23.3625, 32.6906**, and if you desaturate by 10%, it is **26.6896, 28.6106, 33.3943**.

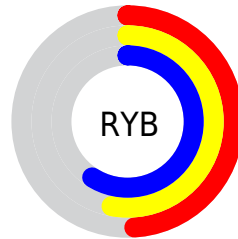
Distribution



Red (49%)

Green (56%)

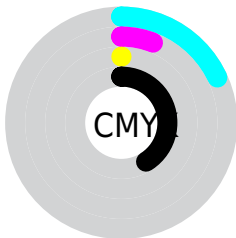
Blue (59%)



Red (49%)

Yellow (53%)

Blue (59%)

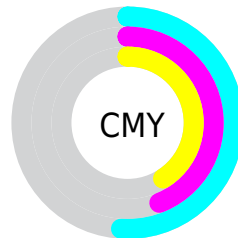


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (44%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5711, 25.8655, 33.0284 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 23.5711, 25.8655, 33.0284 by changing the saturation by 10% instead.

■ 23.5711, 25.8655,
33.0284

■ 23.5711, 25.8655,
33.0284

263.1258,
282.1212, 330.4136

■ 15.1388, 16.7230,
21.8769

■ 48.7892, 53.0579,
65.5364

■ 9.0038, 10.0372,
13.5690

■ 66.3056, 71.8766,
87.7300

■ 4.8008, 5.4236,
7.6862

■ 87.5809, 94.6895,
114.4413

■ 2.1644, 2.4979,
3.8100

112.9802,
121.8811, 146.0890

■ 0.7239, 0.8756,
1.5217

142.8690,
153.8356, 183.0915

■ 0.0000, 0.0000,
0.2340

177.6126,

■ 0.0000, 0.0000,

190.9376, 225.8674

0.0000

217.5764,
233.5713, 274.8353

■ 23.5711, 25.8655,
33.0284

■ 23.5711, 25.8655,
33.0284

■ 20.8221, 23.3625,
32.6906

■ 26.6896, 28.6106,
33.3943

■ 18.4247, 21.0896,
32.3782

■ 30.1900, 31.6027,
33.7873

■ 16.3630, 19.0385,
32.0910

■ 34.0869, 34.8506,
34.2089

■ 14.6186, 17.1993,
31.8279

■ 38.3932, 38.3616,
34.6596

■ 13.1716, 15.5609,
31.5879

■ 43.1214, 42.1429,
35.1403

■ 11.9994, 14.1109,
31.3698

■ 48.2835, 46.2011,
35.6515

■ 11.0757, 12.8351,
31.1723

■ 53.8909, 50.5428,
36.1940

■ 10.3525, 11.7079,
30.9928

■ 59.9546, 55.1741,
36.7683

■ 10.2086, 11.4796,
30.9563

■ 64.6585, 59.1595,
37.2896

Harmonies

Analogous

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



22.9284, 25.8655, 30.7594



23.5711, 25.8655, 33.0284



24.4993, 25.8655, 33.9871

Triad

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



23.5711, 25.8655, 33.0284



26.5417, 25.8655, 28.4077



23.7148, 25.8655, 23.5834

Complementary

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



23.5711, 25.8655, 33.0284



24.7883, 24.8095, 22.5515

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.



24.6696, 25.8655, 23.0457



23.5711, 25.8655, 33.0284



26.3182, 25.8655, 25.7172

Square

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



23.5711, 25.8655, 33.0284



26.2292, 25.8655, 31.2096



25.6263, 25.8655, 23.8008



23.0098, 25.8655, 25.3217

Rectangle

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



23.5711, 25.8655, 33.0284



25.1612, 25.8655, 33.7090



25.6263, 25.8655, 23.8008



24.0164, 25.8655, 23.2616

Sweetspot

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



23.5719, 25.8666, 33.0290



49.4703, 52.6820, 59.9949



23.5818, 28.0998, 26.2090



11.1544, 11.8968, 13.6259



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.



23.5719, 25.8666, 33.0290



40.3965, 44.6874, 58.9301



21.7422, 22.2073, 32.4191



6.2111, 6.6795, 7.8909



8.7114, 9.8196, 26.3439



0.1633, 0.2130, 0.4049

Inverse Universe

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



24.8532, 22.9481, 28.7120



43.1034, 38.6669, 49.7782



26.6876, 28.6082, 23.1846



6.3736, 6.2886, 7.3477



12.8559, 6.3966, 11.0321



0.2089, 0.1023, 0.2529

Previews

White Background



This preview shows how the XYZ color 23.5711, 25.8655, 33.0284 looks on a white background.

Color Contrast Check

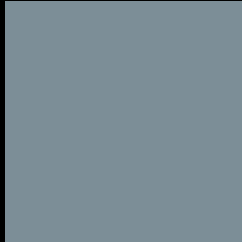
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5711, 25.8655, 33.0284 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

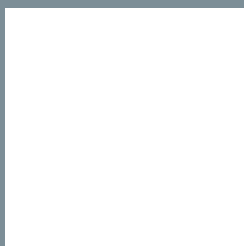
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5711, 25.8655, 33.0284

Background



This preview shows how black text looks on a background with the XYZ color 23.5711, 25.8655, 33.0284.



This preview shows how white text looks on a background with the XYZ color 23.5711, 25.8655,

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

23.5711, 25.8655, 33.0284

Protanopia

25.1608, 25.8359, 32.0945

Deuteranopia

26.1855, 25.7059, 33.2874



Tritanopia

23.7350, 25.9310, 33.8912

Trichromacy



Original Color

23.5711, 25.8655, 33.0284

Protanomaly

24.5692, 25.7356, 32.5267

Deuteranomaly

25.2372, 25.8472, 33.3646

Tritanomaly

23.6527, 25.8981, 33.4580

Monochromacy



Original Color

23.5711, 25.8655, 33.0284

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.8634, 25.4350, 29.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5711, 25.8655, 33.0284 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(124, 142, 151)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 151)  
}
```

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(124, 142, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 151) }
```

Border

The CSS property to change the border of an element to XYZ 23.5711, 25.8655, 33.0284 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(124, 142, 151) }
```


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

```
.border{ border-color:rgb(124, 142, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 142, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 151);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5711, 25.8655, 33.0284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 151) }
```

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

```
.background{ background-color: rgb(124,  
142, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor