

Converting Colors

XYZ(23.1597, 25.7346, 29.3378)

Have a look what the booklet for
XYZ(23.1597, 25.7346, 29.3378)
contains.

XYZ(23.1597, 25.7346, 29.3378)	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(23.1597, 25.7346,
29.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8E8E
RGB	126, 142, 142
RGB Percent	49%, 56%, 56%
CMY	0.5059, 0.4431, 0.4431
CMYK	0.11, 0.00, 0.00, 0.44
HSL	180°, 7%, 53%
HSV	180°, 11%, 56%
XYZ	23.1597, 25.7346, 29.3378
YIQ	137.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

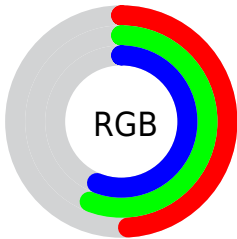
Format	Color
R_{YB}	126, 134, 142
Decimal	8294030
CIE _{Lab}	57.78, -5.74, -1.96
CIE _{LCh}	58, 6.065, 198.884
Yxy	25.7346, 0.2960, 0.3290
Android (android.graphics.Color)	4286484110 (0xFF7E8E8E)
YUV	137.2160, 2.3585, -9.8364
Hunter-Lab	50.7293, -7.2847, 1.2219

Details

The XYZ color **23.1597, 25.7346, 29.3378** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3830, 22.1796, 22.8413**, and the grayscale version is **23.8541, 25.0964, 27.3299**.

A 20% lighter version of the original color is **48.2941, 53.0491, 59.9187**, and **8.8195, 10.0048, 11.5915** is the 20% darker color. If you saturate the color by 10%, you get **21.2127, 24.7316, 29.2465**, and if you desaturate by 10%, it is **25.4054, 26.8930, 29.4442**.

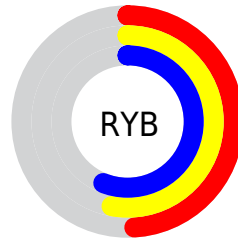
Distribution



Red (49%)

Green (56%)

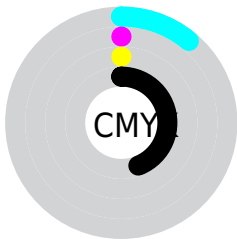
Blue (56%)



Red (49%)

Yellow (53%)

Blue (56%)

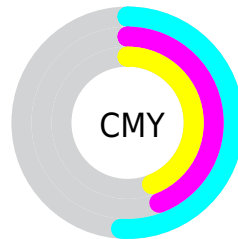


Cyan (11%)

Magenta (0%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1597, 25.7346, 29.3378 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 23.1597, 25.7346, 29.3378 by changing the saturation by 10% instead.

■ 23.1597, 25.7346,
29.3378

■ 23.1597, 25.7346,
29.3378

261.0642,
281.4768, 312.9161

■ 14.8328, 16.6252,
19.0887

■ 48.1202, 52.8465,
59.6619

■ 8.7877, 9.9676,
11.5570

■ 65.4844, 71.6177,
80.5741

■ 4.6590, 5.3775,
6.3239

■ 86.5919, 94.3784,
105.8777

■ 2.0813, 2.4704,
2.9711

111.8079,
121.5129, 135.9912

■ 0.6790, 0.8618,
1.0799

141.4977,
153.4056, 171.3333

■ 0.0000, 0.0000,
0.0000

176.0269,

190.4409, 212.3225

215.7606,
233.0032, 259.3772

■ 23.1597, 25.7346,
29.3378

■ 23.1597, 25.7346,
29.3378

■ 21.2127, 24.7316,
29.2465

■ 25.4054, 26.8930,
29.4442

■ 19.5498, 23.8744,
29.1680

■ 27.9594, 28.2096,
29.5644

■ 18.1583, 23.1570,
29.1021

■ 30.8335, 29.6912,
29.6996

■ 17.0240, 22.5723,
29.0483

■ 34.0381, 31.3433,
29.8503

■ 16.1309, 22.1119,
29.0058

■ 37.5835, 33.1710,
30.0169

■ 15.4617, 21.7669,
28.9738

■ 41.4791, 35.1792,
30.2000

■ 14.9965, 21.5271,
28.9513

■ 45.7343, 37.3728,
30.3998

■ 14.7122, 21.3806,
28.9373

■ 50.3580, 39.7564,
30.6169

■ 14.5548, 21.2994,
28.9293

■ 55.3587, 42.3344,
30.8517

Harmonies

Analogous

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



23.1124, 25.7346, 27.2551



23.1597, 25.7346, 29.3378



23.5513, 25.7346, 31.1496

Triad

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



23.1597, 25.7346, 29.3378



25.5294, 25.7346, 30.7394



24.7307, 25.7346, 24.2693

Complementary

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



23.1597, 25.7346, 29.3378



22.3830, 22.1796, 22.8413

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.



25.3917, 25.7346, 25.1085



23.1597, 25.7346, 29.3378



25.8589, 25.7346, 28.8004

Square

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



23.1597, 25.7346, 29.3378



24.9157, 25.7346, 31.9861



25.8080, 25.7346, 26.7434



24.0099, 25.7346, 24.3972

Rectangle

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



23.1597, 25.7346, 29.3378



23.9593, 25.7346, 31.9278



25.8080, 25.7346, 26.7434



24.9676, 25.7346, 24.4459

Sweetspot

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



23.1604, 25.7357, 29.3384



44.0485, 47.0348, 51.8845



22.0833, 25.3094, 23.4605



9.7695, 10.4698, 11.5853



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.1604, 25.7357, 29.3384



39.7471, 44.8174, 51.6818



22.0495, 23.5135, 28.9688



5.5602, 6.1163, 6.9161



13.0674, 19.1228, 25.9730



0.1249, 0.1828, 0.2484

Inverse Universe

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



22.3830, 22.1796, 22.8413



38.0435, 37.0244, 37.4436



23.4105, 24.2347, 23.1831



5.4089, 5.4241, 5.6514



10.0159, 5.1634, 0.4692



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 23.1597, 25.7346, 29.3378 looks on a white background.

Color Contrast Check

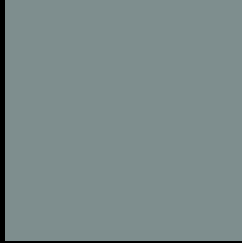
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1597, 25.7346, 29.3378 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

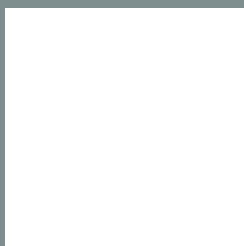
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1597, 25.7346, 29.3378

Background



This preview shows how black text looks on a background with the XYZ color 23.1597, 25.7346, 29.3378.



This preview shows how white text looks on a background with the XYZ color 23.1597, 25.7346,

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

23.1597, 25.7346, 29.3378

Protanopia

24.8066, 25.7331, 28.4705

Deuteranopia

26.1368, 25.5478, 29.9392



Tritanopia

24.0945, 25.9059, 33.4362

Trichromacy



Original Color

23.1597, 25.7346, 29.3378

Protanomaly

24.1937, 25.6226, 28.8698

Deuteranomaly

24.8881, 25.5372, 29.6040

Tritanomaly

23.6226, 25.6999, 31.7325

Monochromacy



Original Color

23.1597, 25.7346, 29.3378

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5657, 25.3159, 28.0705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1597, 25.7346, 29.3378 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(126, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(126, 142, 142)  
}
```

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(126, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.1597, 25.7346, 29.3378 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(126, 142, 142) }
```


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

```
.border{ border-color:rgb(126, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(126, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1597, 25.7346, 29.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 142, 142) }
```

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

```
.background{ background-color: rgb(126,  
142, 142) }
```

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