

Converting Colors

XYZ(23.3578, 25.3083, 33.3597)

Have a look what the booklet for
XYZ(23.3578, 25.3083, 33.3597)
contains.

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Color

**XYZ(23.3578, 25.3083,
33.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8C98
RGB	124, 140, 152
RGB Percent	49%, 55%, 60%
CMY	0.5137, 0.4510, 0.4039
CMYK	0.18, 0.08, 0.00, 0.40
HSL	206°, 12%, 54%
HSV	206°, 18%, 60%
XYZ	23.3578, 25.3083, 33.3597
YIQ	136.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

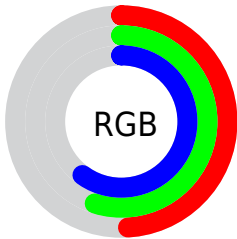
Format	Color
R_{YB}	124, 134, 152
Decimal	8162456
CIE Lab	57.37, -3.08, -8.32
CIE LCh	57, 8.875, 249.661
Yxy	25.3083, 0.2848, 0.3085
Android (android.graphics.Color)	4286352536 (0xFF7C8C98)
YUV	136.5840, 7.6001, -11.0362
Hunter-Lab	50.3074, -5.1600, -4.1011

Details

The XYZ color **23.3578, 25.3083, 33.3597** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3914, 25.7390, 22.6992**, and the grayscale version is **23.5975, 24.8264, 27.0360**.

A 20% lighter version of the original color is **48.5638, 52.3869, 65.9446**, and **8.9068, 9.7478, 13.7240** is the 20% darker color. If you saturate the color by 10%, you get **20.4046, 22.4152, 32.9573**, and if you desaturate by 10%, it is **26.7075, 28.4908, 33.7978**.

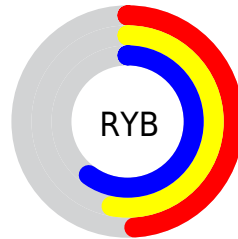
Distribution



Red (49%)

Green (55%)

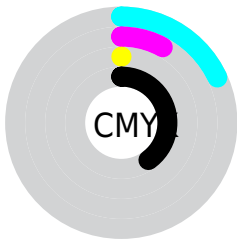
Blue (60%)



Red (49%)

Yellow (53%)

Blue (60%)

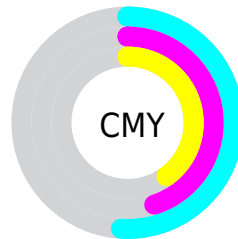


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3578, 25.3083, 33.3597 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 23.3578, 25.3083, 33.3597 by changing the saturation by 10% instead.

■ 23.3578, 25.3083,
33.3597

■ 23.3578, 25.3083,
33.3597

262.0586,
279.3698, 331.9490

■ 14.9801, 16.3069,
22.1288

■ 48.4425, 52.1569,
66.0592

■ 8.8916, 9.7416,
13.7523

■ 65.8802, 70.7730,
88.3648

■ 4.7271, 5.2280,
7.8118

■ 87.0686, 93.3626,
115.1991

■ 2.1212, 2.3816,
3.8887

112.3731,
120.3104, 146.9805

■ 0.7007, 0.8164,
1.5645

142.1589,
152.0006, 184.1277

■ 0.0000, 0.0000,
0.2653

176.7916,

■ 0.0000, 0.0000,

188.8176, 227.0592

0.0000

216.6363,
231.1459, 276.1934

■ 23.3578, 25.3083,
33.3597

■ 23.3578, 25.3083,
33.3597

■ 20.4046, 22.4152,
32.9573

■ 26.7075, 28.4908,
33.7978

■ 17.8293, 19.7984,
32.5880

■ 30.4668, 31.9688,
34.2710

■ 15.6148, 17.4484,
32.2511

■ 34.6510, 35.7523,
34.7808

■ 13.7420, 15.3538,
31.9455

■ 39.2739, 39.8497,
35.3280

■ 12.1899, 13.5021,
31.6699

■ 44.3488, 44.2691,
35.9136

■ 10.9347, 11.8796,
31.4229

■ 49.8881, 49.0183,
36.5383

■ 9.9489, 10.4703,
31.2028

■ 55.9040, 54.1047,
37.2030

■ 9.1789, 9.2450,
31.0069

■ 62.4081, 59.5355,
37.9085

■ 9.0651, 9.0620,
30.9776

■ 67.2444, 64.2006,
38.5540

Harmonies

Analogous

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



22.5293, 25.3083, 31.4260



23.3578, 25.3083, 33.3597



24.3962, 25.3083, 33.6780

Triad

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



23.3578, 25.3083, 33.3597



26.1067, 25.3083, 26.5946



22.7854, 25.3083, 23.3287

Complementary

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



23.3578, 25.3083, 33.3597



25.3914, 25.7390, 22.6992

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.



23.7166, 25.3083, 22.2256



23.3578, 25.3083, 33.3597



25.6476, 25.3083, 24.0183

Square

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



23.3578, 25.3083, 33.3597



26.0039, 25.3083, 29.6217



24.7655, 25.3083, 22.4685



22.2056, 25.3083, 25.5895

Rectangle

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



23.3578, 25.3083, 33.3597



25.0708, 25.3083, 32.9093



24.7655, 25.3083, 22.4685



23.0665, 25.3083, 22.8180

Sweetspot

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



23.3586, 25.3093, 33.3603



48.6041, 51.6556, 59.8425



23.9612, 28.5102, 27.4092



10.9619, 11.6612, 13.5906



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.



23.3586, 25.3093, 33.3603



39.0580, 42.5658, 58.5911



21.4838, 21.5598, 32.7353



6.1627, 6.5828, 7.8748



7.6319, 7.6605, 25.9841



0.1501, 0.1866, 0.4005

Inverse Universe

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



24.8908, 22.9848, 27.9368



42.2922, 37.8233, 47.1068



27.4407, 29.8376, 23.3823



6.3493, 6.2789, 7.2193



12.3110, 6.1786, 8.1627



0.2022, 0.0996, 0.2178

Previews

White Background



This preview shows how the XYZ color 23.3578, 25.3083, 33.3597 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 23.3578, 25.3083, 33.3597 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

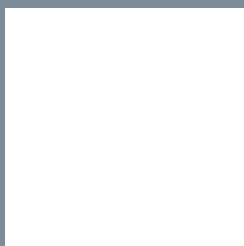
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3578, 25.3083, 33.3597

Background



This preview shows how black text looks on a background with the XYZ color 23.3578, 25.3083, 33.3597.



This preview shows how white text looks on a background with the XYZ color 23.3578, 25.3083,

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

23.3578, 25.3083, 33.3597

Protanopia

24.6040, 25.3276, 32.4461

Deuteranopia

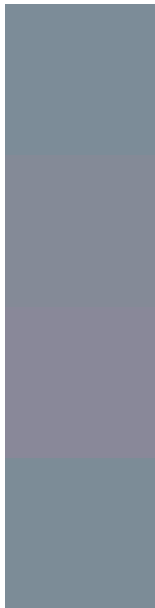
25.7765, 25.2794, 33.6578



Tritanopia

23.2762, 25.2756, 32.9301

Trichromacy



Original Color

23.3578, 25.3083, 33.3597

Protanomaly

24.1901, 25.3169, 32.8898

Deuteranomaly

24.8705, 25.2266, 33.6954

Tritanomaly

23.2762, 25.2756, 32.9301

Monochromacy



Original Color

23.3578, 25.3083, 33.3597

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4867, 25.0355, 29.1856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3578, 25.3083, 33.3597 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, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 152)  
}
```

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, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 152) }
```

Border

The CSS property to change the border of an element to XYZ 23.3578, 25.3083, 33.3597 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, 140, 152) }
```


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

```
.border{ border-color:rgb(124, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3578, 25.3083, 33.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 152) }
```

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

```
.background{ background-color: rgb(124,  
140, 152) }
```

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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