

Converting Colors

XYZ(23.6005, 25.2320, 28.6204)

Have a look what the booklet for
XYZ(23.6005, 25.2320, 28.6204)
contains.

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Color

**XYZ(23.6391, 25.3452,
28.4571)**

Conversions

Conversions Part 1

Format	Color
Hex	858B8C
RGB	133, 139, 140
RGB Percent	52%, 55%, 55%
CMY	0.4784, 0.4549, 0.4510
CMYK	0.05, 0.01, 0.00, 0.45
HSL	189°, 3%, 54%
HSV	189°, 5%, 55%
XYZ	23.6391, 25.3452, 28.4571
YIQ	137.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

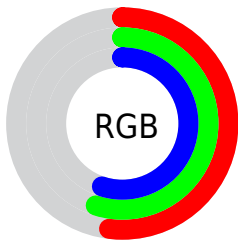
Format	Color
R_{YB}	133, 136, 140
Decimal	8752012
CIE Lab	57.41, -1.99, -1.30
CIE LCh	57, 2.375, 213.250
Yxy	25.3452, 0.3053, 0.3273
Android (android.graphics.Color)	4286942092 (0xFF858B8C)
YUV	137.3200, 1.3212, -3.7886
Hunter-Lab	50.3440, -4.2871, 1.7270

Details

The XYZ color **23.6391, 25.3452, 28.4571** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5740, 24.3189, 25.6423**, and the grayscale version is **23.8957, 25.1402, 27.3776**.

A 20% lighter version of the original color is **48.7250, 51.9886, 57.9188**, and **9.0740, 9.7678, 11.0800** is the 20% darker color. If you saturate the color by 10%, you get **21.2883, 23.7090, 28.2656**, and if you desaturate by 10%, it is **26.2912, 27.1460, 28.6653**.

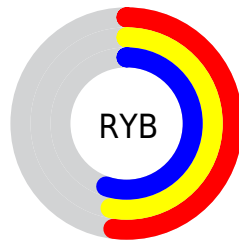
Distribution



Red (52%)

Green (55%)

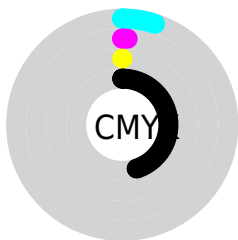
Blue (55%)



Red (52%)

Yellow (53%)

Blue (55%)

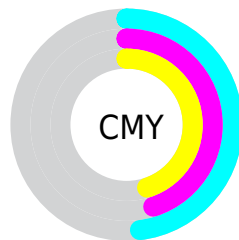


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6391, 25.3452, 28.4571 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 23.6391, 25.3452, 28.4571 by changing the saturation by 10% instead.

■ 23.6391, 25.3452,
28.4571

■ 23.6391, 25.3452,
28.4571

263.4652,
279.5527, 308.6251

■ 15.1894, 16.3344,
18.4285

■ 48.8996, 52.2167,
58.2453

■ 9.0396, 9.7611,
11.0854

■ 66.4411, 70.8462,
78.8419

■ 4.8243, 5.2409,
6.0094

■ 87.7439, 93.4507,
103.7982

■ 2.1783, 2.3893,
2.7819

113.1734,
120.4147, 133.5329

■ 0.7312, 0.8204,
0.9844

143.0950,
152.1225, 168.4643

■ 0.0000, 0.0000,
0.0000

177.8739,

188.9585, 209.0112

217.8755,
231.3071, 255.5919

■ 23.6391, 25.3452,
28.4571

■ 23.6391, 25.3452,
28.4571

■ 21.2883, 23.7090,
28.2656

■ 26.2912, 27.1460,
28.6653

■ 19.2252, 22.2281,
28.0885

■ 29.2535, 29.1139,
28.8890

■ 17.4380, 20.8973,
27.9258

■ 32.5371, 31.2553,
29.1293

■ 15.9135, 19.7095,
27.7769

■ 36.1518, 33.5754,
29.3866

■ 14.6373, 18.6575,
27.6411

■ 40.1072, 36.0791,
29.6614

■ 13.5936, 17.7329,
27.5176

■ 44.4123, 38.7711,
29.9541

■ 12.7648, 16.9268,
27.4057

■ 49.0759, 41.6560,
30.2651

■ 12.1307, 16.2285,
27.3043

■ 54.1065, 44.7382,
30.5949

■ 11.6640, 15.6239,
27.2123

■ 58.0244, 47.2549,
30.8742

Harmonies

Analogous

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



23.5524, 25.3452, 27.6848



23.6391, 25.3452, 28.4571



23.8465, 25.3452, 29.0071

Triad

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



23.6391, 25.3452, 28.4571



24.5774, 25.3452, 28.3017



24.0591, 25.3452, 26.0746

Complementary

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



23.6391, 25.3452, 28.4571



23.5740, 24.3189, 25.6423

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.



24.3348, 25.3452, 26.2326



23.6391, 25.3452, 28.4571



24.6354, 25.3452, 27.5086

Square

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



23.6391, 25.3452, 28.4571



24.3885, 25.3452, 28.9162



24.5463, 25.3452, 26.7537



23.7937, 25.3452, 26.3178

Rectangle

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



23.6391, 25.3452, 28.4571



24.0262, 25.3452, 29.1681



24.5463, 25.3452, 26.7537



24.1537, 25.3452, 26.0826

Sweetspot

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



23.6398, 25.3463, 28.4577



43.4730, 45.9137, 50.3139



23.3498, 25.4625, 26.2144



10.0243, 10.5845, 11.5941



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.



23.6398, 25.3463, 28.4577



41.1845, 44.3468, 50.1321



23.1501, 24.3669, 28.2944



5.2629, 5.6728, 6.4234



10.1895, 13.6494, 24.1432



0.0754, 0.1061, 0.1630

Inverse Universe

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



23.8635, 24.2151, 27.8436



41.6651, 41.9244, 48.8105



24.0566, 25.2841, 25.8031



5.3271, 5.3493, 6.2467



12.6300, 6.1621, 16.3538



0.0878, 0.0425, 0.1292

Previews

White Background



This preview shows how the XYZ color 23.6391, 25.3452, 28.4571 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 23.6391, 25.3452, 28.4571 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

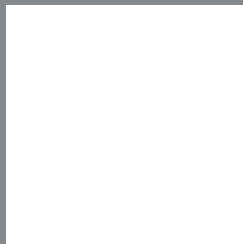
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6391, 25.3452, 28.4571

Background



This preview shows how black text looks on a background with the XYZ color 23.6391, 25.3452, 28.4571.



This preview shows how white text looks on a background with the XYZ color 23.6391, 25.3452,

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

23.6391, 25.3452, 28.4571

Protanopia

24.4211, 25.3308, 28.0283

Deuteranopia

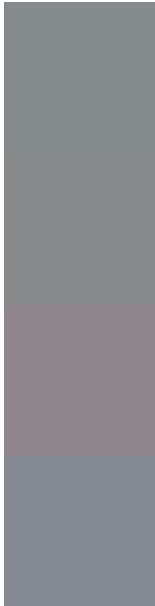
25.5897, 25.0877, 28.6930



Tritanopia

24.3448, 25.4152, 32.0563

Trichromacy



Original Color

23.6391, 25.3452, 28.4571

Protanomaly

24.0652, 25.3594, 28.0526

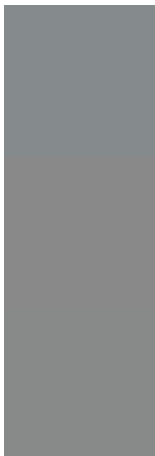
Deuteranomaly

24.7994, 25.0907, 28.7352

Tritanomaly

24.1083, 25.3206, 30.8109

Monochromacy



Original Color

23.6391, 25.3452, 28.4571

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8293, 25.2462, 27.6618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6391, 25.3452, 28.4571 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(133, 139, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 140)  
}
```

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(133, 139, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.6391, 25.3452, 28.4571 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(133, 139, 140) }
```


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

```
.border{ border-color:rgb(133, 139, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6391, 25.3452, 28.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 140) }
```

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

```
.background{ background-color: rgb(133,  
139, 140) }
```

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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