

Converting Colors

XYZ(25.5317, 26.0599, 38.1835)

Have a look what the booklet for
XYZ(25.5317, 26.0599, 38.1835)
contains.

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Color

**XYZ(25.5163, 26.0961,
38.3425)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 858BA3 |
| RGB | 133, 139, 163 |
| RGB Percent | 52%, 55%, 64% |
| CMY | 0.4784, 0.4549, 0.3608 |
| CMYK | 0.18, 0.15, 0.00, 0.36 |
| HSL | 228°, 14%, 58% |
| HSV | 228°, 18%, 64% |
| XYZ | 25.5163, 26.0961, 38.3425 |
| YIQ | 139.9420, -11.2800, 6.1920 |

Conversions

Conversions Part 2

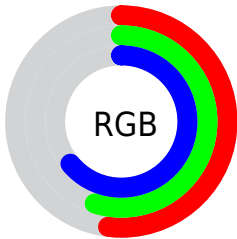
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 138, 163 |
| Decimal | 8752035 |
| CIE _{Lab} | 58.13, 3.03, -13.43 |
| CIE _{LCh} | 58, 13.764, 282.724 |
| Yxy | 26.0961, 0.2837, 0.2901 |
| Android (android.graphics.Color) | 4286942115 (0xFF858BA3) |
| YUV | 139.9420, 11.3676, -6.0881 |
| Hunter-Lab | 51.0843, -0.2380, -8.7424 |

Details

The XYZ color **25.5163, 26.0961, 38.3425** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.3950, 33.5938, 27.0204**, and the grayscale version is **24.8657, 26.1607, 28.4890**.

A 20% lighter version of the original color is **51.7542, 53.2003, 73.8706**, and **10.0089, 10.1315, 16.4670** is the 20% darker color. If you saturate the color by 10%, you get **21.3632, 21.3181, 37.6396**, and if you desaturate by 10%, it is **30.2955, 31.5325, 39.1404**.

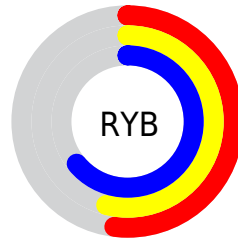
Distribution



Red (52%)

Green (55%)

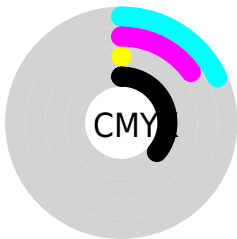
Blue (64%)



Red (52%)

Yellow (54%)

Blue (64%)

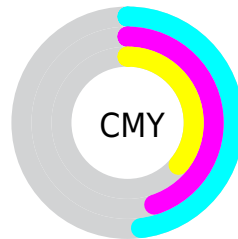


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5163, 26.0961, 38.3425 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 25.5163, 26.0961, 38.3425 by changing the saturation by 10% instead.

■ 25.5163, 26.0961,
38.3425

■ 25.5163, 26.0961,
38.3425

272.6999,
283.2535, 354.4291

■ 16.5929, 16.8955,
25.9447

■ 51.9305, 53.4299,
73.8420

■ 10.0382, 10.1600,
16.5569

■ 70.1520, 72.3320,
97.7809

■ 5.4867, 5.5052,
9.7605

■ 92.2035, 95.2367,
126.4038

■ 2.5732, 2.5466,
5.1369

118.4505,
122.5284, 160.1294

■ 0.9323, 0.8999,
2.2677

149.2583,
154.5916, 199.3762

■ 0.0000, 0.0000,
0.7130

184.9922,

■ 0.0000, 0.0000,

191.8106, 244.5627

0.0000

226.0177,
234.5697, 296.1075

■ 25.5163, 26.0961,
38.3425

■ 25.5163, 26.0961,
38.3425

■ 21.3632, 21.3181,
37.6396

■ 30.2955, 31.5325,
39.1404

■ 17.8077, 17.1701,
37.0263

■ 35.7232, 37.6480,
40.0347

■ 14.8224, 13.6263,
36.4996

■ 41.8235, 44.4662,
41.0292

■ 12.3768, 10.6578,
36.0556

■ 48.6185, 52.0088,
42.1270

■ 10.4375, 8.2332,
35.6898

■ 56.1293, 60.2964,
43.3308

■ 8.9673, 6.3180,
35.3976

■ 64.3763, 69.3488,
44.6434

■ 7.9235, 4.8736,
35.1738

■ 73.3787, 79.1850,
46.0675

■ 7.2354, 3.8451,
35.0115

■ 79.9962, 88.1949,
47.4578

■ 7.1440, 3.7105,
34.9904

■ 83.6109, 95.4244,
48.6627

Harmonies

Analogous

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



23.8638, 26.0961, 38.1125



25.5163, 26.0961, 38.3425



27.0425, 26.0961, 35.7058

Triad

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



25.5163, 26.0961, 38.3425



27.2337, 26.0961, 22.6298



21.8669, 26.0961, 25.7742

Complementary

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



25.5163, 26.0961, 38.3425



31.3950, 33.5938, 27.0204

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.



22.6917, 26.0961, 22.1897



25.5163, 26.0961, 38.3425



25.7677, 26.0961, 20.5188

Square

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



25.5163, 26.0961, 38.3425



28.0635, 26.0961, 26.4398



24.1042, 26.0961, 20.3673



21.8064, 26.0961, 30.4845

Rectangle

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



25.5163, 26.0961, 38.3425



27.7631, 26.0961, 32.8323



24.1042, 26.0961, 20.3673



22.0622, 26.0961, 24.4114

Sweetspot

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



25.5171, 26.0972, 38.3431



56.3812, 58.8741, 70.4483



28.8137, 33.5987, 36.6419



12.5345, 13.0777, 15.8011



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.5171, 26.0972, 38.3431



42.5886, 43.1723, 68.1445



26.0686, 25.1266, 38.1267



6.8099, 7.0788, 8.9105



5.5792, 2.9377, 27.2028



0.1467, 0.1207, 0.5814

Inverse Universe

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



28.1526, 26.4263, 28.0443



48.2007, 43.9585, 46.1947



30.7531, 34.8075, 27.2885



7.1290, 7.1081, 7.6659



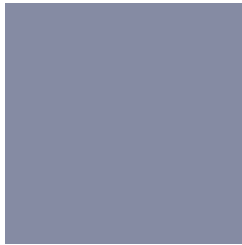
11.9616, 6.1407, 1.7223



0.2662, 0.1350, 0.1146

Previews

White Background



This preview shows how the XYZ color 25.5163, 26.0961, 38.3425 looks on a white background.

Color Contrast Check

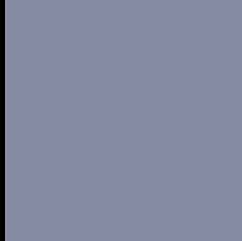
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5163, 26.0961, 38.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

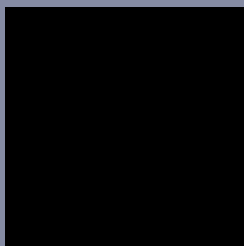
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

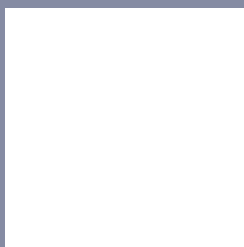
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5163, 26.0961, 38.3425

Background



This preview shows how black text looks on a background with the XYZ color 25.5163, 26.0961, 38.3425.



This preview shows how white text looks on a background with the XYZ color 25.5163, 26.0961,

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

25.5163, 26.0961, 38.3425

Protanopia

25.6910, 25.9722, 38.3094

Deuteranopia

26.6603, 26.0394, 38.7429



Tritanopia

24.5524, 26.1420, 33.4576

Trichromacy



Original Color

25.5163, 26.0961, 38.3425

Protanomaly

25.5309, 25.8896, 38.3019

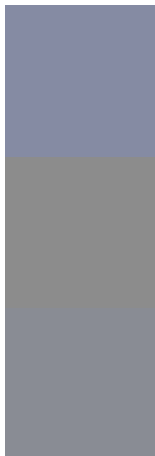
Deuteranomaly

26.2940, 26.0606, 38.7663

Tritanomaly

24.8946, 26.0620, 35.1709

Monochromacy



Original Color

25.5163, 26.0961, 38.3425

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0399, 26.2127, 31.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5163, 26.0961, 38.3425 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 163) }
```

Border

The CSS property to change the border of an element to XYZ 25.5163, 26.0961, 38.3425 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, 163) }
```


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

```
.border{ border-color:rgb(133, 139, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 163);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5163, 26.0961, 38.3425 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, 163) }
```

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

```
.background{ background-color: rgb(133,  
139, 163) }
```

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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