

Converting Colors

XYZ(25.7910, 25.7974, 33.3774)

Have a look what the booklet for
XYZ(25.7910, 25.7974, 33.3774)
contains.

XYZ(25.7993, 25.7150, 33.3095)	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(25.7993, 25.7150,
33.3095)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8898
RGB	143, 136, 152
RGB Percent	56%, 53%, 60%
CMY	0.4392, 0.4667, 0.4039
CMYK	0.06, 0.11, 0.00, 0.40
HSL	266°, 7%, 56%
HSV	266°, 11%, 60%
XYZ	25.7993, 25.7150, 33.3095
YIQ	139.9170, -0.9640, 6.4600

Conversions

Conversions Part 2

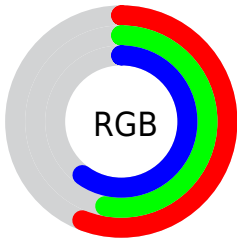
Format	Color
RYB	143, 136, 152
Decimal	9406616
CIELab	57.77, 5.78, -7.58
CIELCh	58, 9.534, 307.341
Yxy	25.7150, 0.3042, 0.3032
Android (android.graphics.Color)	4287596696 (0xFF8F8898)
YUV	139.9170, 5.9569, 2.7038
Hunter-Lab	50.7100, 2.0716, -3.4484

Details

The XYZ color **25.7993, 25.7150, 33.3095** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3504, 30.2546, 27.6921**, and the grayscale version is **24.8735, 26.1689, 28.4979**.

A 20% lighter version of the original color is **52.3641, 52.7217, 65.8089**, and **10.1910, 9.9223, 13.6900** is the 20% darker color. If you saturate the color by 10%, you get **22.3843, 20.9994, 32.5797**, and if you desaturate by 10%, it is **29.6323, 31.0982, 34.1469**.

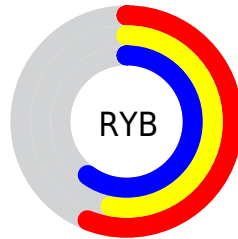
Distribution



Red (56%)

Green (53%)

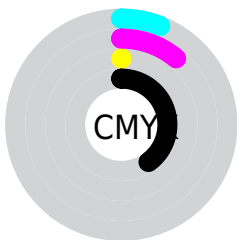
Blue (60%)



Red (56%)

Yellow (53%)

Blue (60%)

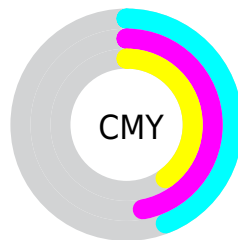


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (40%)



Cyan (44%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7993, 25.7150, 33.3095 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 25.7993, 25.7150, 33.3095 by changing the saturation by 10% instead.

■ 25.7993, 25.7150,
33.3095

■ 25.7993, 25.7150,
33.3095

274.0703,
281.3802, 331.7167

■ 16.8054, 16.6106,
22.0906

■ 52.3846, 52.8148,
65.9800

■ 10.1903, 9.9572,
13.7245

■ 70.7068, 71.5790,
88.2687

■ 5.5886, 5.3706,
7.7928

■ 92.8691, 94.3318,
115.0844

■ 2.6348, 2.4663,
3.8768

119.2369,
121.4577, 146.8456

■ 0.9637, 0.8597,
1.5580

150.1756,
153.3412, 183.9709

■ 0.0000, 0.0000,
0.2606

186.0504,

■ 0.0000, 0.0000,

190.3664, 226.8788

0.0000

227.2269,
232.9180, 275.9879

■ 25.7993, 25.7150,
33.3095

■ 25.7993, 25.7150,
33.3095

■ 22.3843, 20.9994,
32.5797

■ 29.6323, 31.0982,
34.1469

■ 19.3698, 16.9214,
31.9514

■ 33.8954, 37.1709,
35.0944

■ 16.7404, 13.4535,
31.4206

■ 38.6030, 43.9580,
36.1563

■ 14.4787, 10.5649,
30.9823

■ 43.7682, 51.4822,
37.3364

■ 12.5659, 8.2222,
30.6309

■ 49.4035, 59.7651,
38.6382

■ 10.9812, 6.3882,
30.3604

■ 55.5208, 68.8276,
40.0650

■ 9.7013, 5.0209,
30.1640

■ 62.1316, 78.6896,
41.6201

■ 8.6995, 4.0713,
30.0335

■ 68.4107, 87.6973,
43.0278

■ 7.9470, 3.4421,
29.9517

■ 70.9328, 88.9976,
43.1459

Harmonies

Analogous

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



24.7233, 25.7150, 34.7200



25.7993, 25.7150, 33.3095



26.5269, 25.7150, 30.4957

Triad

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



25.7993, 25.7150, 33.3095



25.2981, 25.7150, 22.5814



22.3250, 25.7150, 28.8116

Complementary

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



25.7993, 25.7150, 33.3095



27.3504, 30.2546, 27.6921

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.



22.4681, 25.7150, 25.6430



25.7993, 25.7150, 33.3095



24.1615, 25.7150, 22.2071

Square

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



25.7993, 25.7150, 33.3095



26.2313, 25.7150, 24.3511



23.1319, 25.7150, 23.2857



22.7347, 25.7150, 31.9948

Rectangle

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



25.7993, 25.7150, 33.3095



26.7040, 25.7150, 28.2924



23.1319, 25.7150, 23.2857



22.3103, 25.7150, 27.7082

Sweetspot

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



25.8001, 25.7161, 33.3101



50.5183, 52.3699, 59.8795



25.9574, 27.7734, 33.6989



11.3609, 11.7322, 13.5833



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.



25.8001, 25.7161, 33.3101



43.8223, 43.0048, 58.4247



27.2226, 26.4494, 33.3766



6.1280, 6.1519, 7.7934



6.6977, 2.9039, 25.1152



0.1408, 0.0644, 0.3774

Inverse Universe

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



26.8649, 26.3293, 30.4558



46.1625, 44.3529, 52.1297



26.0006, 29.5588, 27.6290



6.3470, 6.2780, 7.2074



12.2653, 6.1604, 7.9220



0.2016, 0.0994, 0.2145

Previews

White Background



This preview shows how the XYZ color 25.7993, 25.7150, 33.3095 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 25.7993, 25.7150, 33.3095 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

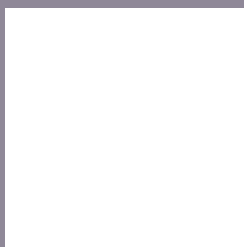
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7993, 25.7150, 33.3095

Background



This preview shows how black text looks on a background with the XYZ color 25.7993, 25.7150, 33.3095.



This preview shows how white text looks on a background with the XYZ color 25.7993, 25.7150,

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

25.7993, 25.7150, 33.3095

Protanopia

25.1548, 25.7952, 33.7902

Deuteranopia

26.1855, 25.7059, 33.2874



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

25.7993, 25.7150, 33.3095

Protanomaly

25.3429, 25.6802, 33.7581

Deuteranomaly

26.0085, 25.6147, 33.2791

Tritanomaly

25.5258, 25.8120, 32.0706

Monochromacy



Original Color

25.7993, 25.7150, 33.3095

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2512, 26.1416, 30.1005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7993, 25.7150, 33.3095 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(143, 136, 152)` looks like.

```
.text, #text, p{  
    color:rgb(143, 136, 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(143, 136, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 136, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.7993, 25.7150, 33.3095 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(143, 136, 152) }
```


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

```
.border{ border-color:rgb(143, 136, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 136, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 136, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 136, 152);  
box-shadow:4px 4px 4px 4px rgb(143, 136,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7993, 25.7150, 33.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 136, 152) }
```

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

```
.background{ background-color: rgb(143,  
136, 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](#).

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