

Converting Colors

XYZ(25.2313, 27.2035, 31.5278)

Have a look what the booklet for
XYZ(25.2313, 27.2035, 31.5278)
contains.

XYZ(25.2314, 27.2040, 31.5248)	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(25.2314, 27.2040,
31.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	879093
RGB	135, 144, 147
RGB Percent	53%, 56%, 58%
CMY	0.4706, 0.4353, 0.4235
CMYK	0.08, 0.02, 0.00, 0.42
HSL	195°, 5%, 55%
HSV	195°, 8%, 58%
XYZ	25.2314, 27.2040, 31.5248
YIQ	141.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

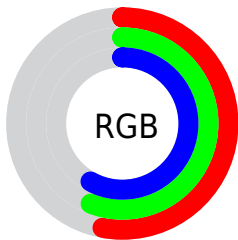
Format	Color
R_{YB}	135, 140, 147
Decimal	8884371
CIE _{Lab}	59.16, -2.63, -2.72
CIE _{LCh}	59, 3.785, 225.933
Yxy	27.2040, 0.3005, 0.3240
Android (android.graphics.Color)	4287074451 (0xFF879093)
YUV	141.6510, 2.6371, -5.8329
Hunter-Lab	52.1575, -4.9254, 0.6744

Details

The XYZ color **25.2314, 27.2040, 31.5248** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4944, 26.1291, 26.6219**, and the grayscale version is **25.5657, 26.8971, 29.2909**.

A 20% lighter version of the original color is **51.4757, 55.2966, 63.2186**, and **9.9067, 10.7998, 12.8717** is the 20% darker color. If you saturate the color by 10%, you get **22.4806, 24.9743, 31.2398**, and if you desaturate by 10%, it is **28.3284, 29.6405, 31.8323**.

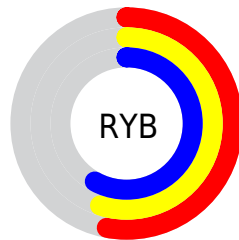
Distribution



Red (53%)

Green (56%)

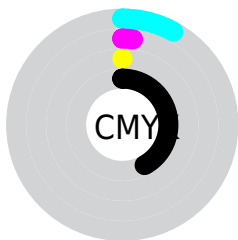
Blue (58%)



Red (53%)

Yellow (55%)

Blue (58%)

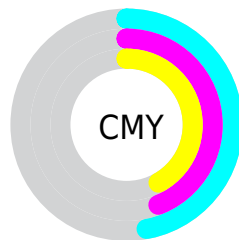


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (42%)



Cyan (47%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2314, 27.2040, 31.5248 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 25.2314, 27.2040, 31.5248 by changing the saturation by 10% instead.

■ 25.2314, 27.2040,
31.5248

■ 25.2314, 27.2040,
31.5248

271.3148,
288.6435, 323.3746

■ 16.3792, 17.7265,
20.7370

■ 51.4726, 55.2110,
63.1546

■ 9.8854, 10.7538,
12.7425

■ 69.5922, 74.5094,
84.8337

■ 5.3847, 5.9015,
7.1228

■ 91.5318, 97.8501,
110.9803

■ 2.5118, 2.7853,
3.4594

117.6565,
125.6176, 142.0129

■ 0.9012, 1.0207,
1.3337

148.3318,
158.1963, 178.3501

■ 0.0000, 0.0000,
0.0892

183.9231,

■ 0.0000, 0.0000,

195.9706, 220.4104

0.0000

224.7956,
239.3249, 268.6124

■ 25.2314, 27.2040,
31.5248

■ 25.2314, 27.2040,
31.5248

■ 22.4806, 24.9743,
31.2398

■ 28.3284, 29.6405,
31.8323

■ 20.0603, 22.9409,
30.9749

■ 31.7820, 32.2872,
32.1611

■ 17.9569, 21.0971,
30.7299

■ 35.6051, 35.1518,
32.5125

■ 16.1548, 19.4348,
30.5040

■ 39.8091, 38.2403,
32.8871

■ 14.6372, 17.9450,
30.2964

■ 44.4049, 41.5586,
33.2854

■ 13.3855, 16.6179,
30.1062

■ 49.4031, 45.1125,
33.7079

■ 12.3789, 15.4424,
29.9324

■ 54.8137, 48.9072,
34.1552

■ 11.5930, 14.4057,
29.7737

■ 60.6466, 52.9482,
34.6278

■ 10.9797, 13.4827,
29.6279

■ 62.2392, 54.8320,
34.9074

Harmonies

Analogous

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



24.9949, 27.2040, 30.3387



25.2314, 27.2040, 31.5248



25.6369, 27.2040, 32.2101

Triad

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



25.2314, 27.2040, 31.5248



26.7456, 27.2040, 30.2559



25.6086, 27.2040, 27.1943

Complementary

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



25.2314, 27.2040, 31.5248



25.4944, 26.1291, 26.6219

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.



26.0775, 27.2040, 27.1736



25.2314, 27.2040, 31.5248



26.7378, 27.2040, 28.9138

Square

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



25.2314, 27.2040, 31.5248



26.5132, 27.2040, 31.4626



26.4920, 27.2040, 27.7945



25.2109, 27.2040, 27.8518

Rectangle

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



25.2314, 27.2040, 31.5248



25.9504, 27.2040, 32.2778



26.4920, 27.2040, 27.7945



25.7630, 27.2040, 27.1133

Sweetspot

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



25.2322, 27.2051, 31.5254



48.5065, 51.3457, 56.7887



24.9988, 27.8480, 28.0270



11.0893, 11.7339, 12.9652



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.2322, 27.2051, 31.5254



44.1308, 47.8746, 56.3494



24.3758, 25.4924, 31.2399



5.8427, 6.3194, 7.3816



9.4460, 11.5868, 25.6697



0.1389, 0.1885, 0.3220

Inverse Universe

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



25.7312, 25.5452, 29.9614



45.2384, 44.2268, 52.8704



26.3492, 27.8387, 26.9068



5.9740, 5.8847, 6.9695



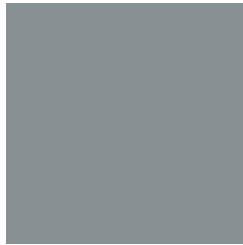
12.8950, 6.3631, 13.4599



0.1696, 0.0826, 0.2267

Previews

White Background



This preview shows how the XYZ color 25.2314, 27.2040, 31.5248 looks on a white background.

Color Contrast Check

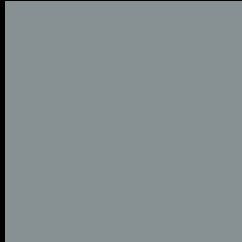
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2314, 27.2040, 31.5248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

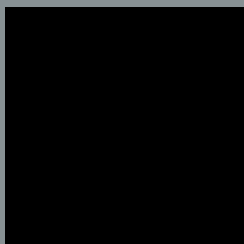
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

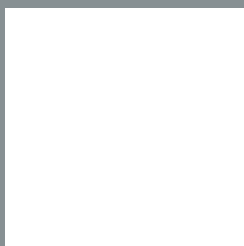
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2314, 27.2040, 31.5248

Background



This preview shows how black text looks on a background with the XYZ color 25.2314, 27.2040, 31.5248.



This preview shows how white text looks on a background with the XYZ color 25.2314, 27.2040,

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

25.2314, 27.2040, 31.5248

Protanopia

26.2148, 27.0544, 31.0345

Deuteranopia

27.5706, 27.0874, 31.7922



Tritanopia

25.8085, 27.2123, 34.4641

Trichromacy



Original Color

25.2314, 27.2040, 31.5248

Protanomaly

25.8458, 27.0840, 31.0597

Deuteranomaly

26.5774, 27.0053, 31.8287

Tritanomaly

25.5617, 27.1135, 33.1643

Monochromacy



Original Color

25.2314, 27.2040, 31.5248

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5040, 27.1475, 30.2813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2314, 27.2040, 31.5248 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(135, 144, 147)` looks like.

```
.text, #text, p{  
    color:rgb(135, 144, 147)  
}
```

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(135, 144, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 144, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.2314, 27.2040, 31.5248 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(135, 144, 147) }
```


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

```
.border{ border-color:rgb(135, 144, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 144, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 144, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 144, 147);  
box-shadow:4px 4px 4px 4px rgb(135, 144,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2314, 27.2040, 31.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 144, 147) }
```

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

```
.background{ background-color: rgb(135,  
144, 147) }
```

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