

Converting Colors

XYZ(25.0338, 26.6005, 31.0243)

Have a look what the booklet for
XYZ(25.0338, 26.6005, 31.0243)
contains.

XYZ(25.0147, 26.6556, 31.0208)	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(25.0147, 26.6556,
31.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	888E92
RGB	136, 142, 146
RGB Percent	53%, 56%, 57%
CMY	0.4667, 0.4431, 0.4274
CMYK	0.07, 0.03, 0.00, 0.43
HSL	204°, 4%, 55%
HSV	204°, 7%, 57%
XYZ	25.0147, 26.6556, 31.0208
YIQ	140.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

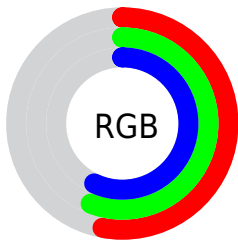
Format	Color
R_{YB}	136, 140, 146
Decimal	8949394
CIE _{Lab}	58.65, -1.36, -2.89
CIE _{LCh}	59, 3.193, 244.726
Yxy	26.6556, 0.3025, 0.3224
Android (android.graphics.Color)	4287139474 (0xFF888E92)
YUV	140.6620, 2.6316, -4.0886
Hunter-Lab	51.6291, -3.8662, 0.5165

Details

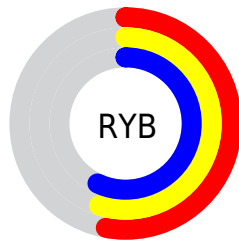
The XYZ color **25.0147, 26.6556, 31.0208** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6762, 26.6446, 27.0827**, and the grayscale version is **25.1772, 26.4884, 28.8459**.

A 20% lighter version of the original color is **51.1515, 54.4688, 62.4611**, and **9.7762, 10.4773, 12.5734** is the 20% darker color. If you saturate the color by 10%, you get **21.9575, 23.8246, 30.6359**, and if you desaturate by 10%, it is **28.4419, 29.7463, 31.4371**.

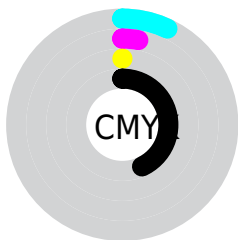
Distribution



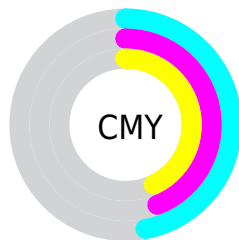
- Red (53%)
- Green (56%)
- Blue (57%)



- Red (53%)
- Yellow (55%)
- Blue (57%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0147, 26.6556, 31.0208 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 25.0147, 26.6556, 31.0208 by changing the saturation by 10% instead.

■ 25.0147, 26.6556,
31.0208

■ 25.0147, 26.6556,
31.0208

270.2574,
285.9857, 320.9883

■ 16.2168, 17.3147,
20.3561

■ 51.1238, 54.3307,
62.3528

■ 9.7695, 10.4591,
12.4675

■ 69.1657, 73.4338,
83.8571

■ 5.3075, 5.7044,
6.9365

■ 91.0196, 96.5597,
109.8118

■ 2.4654, 2.6662,
3.3446

117.0510,
124.0928, 140.6352

■ 0.8778, 0.9601,
1.2732

147.6251,
156.4176, 176.7461

■ 0.0000, 0.0000,
0.0396

183.1073,

■ 0.0000, 0.0000,

193.9184, 218.5629

0.0000

223.8629,
236.9796, 266.5041

■ 25.0147, 26.6556,
31.0208

■ 25.0147, 26.6556,
31.0208

■ 21.9575, 23.8246,
30.6359

■ 28.4419, 29.7463,
31.4371

■ 19.2545, 21.2420,
30.2799

■ 32.2498, 33.1011,
31.8840

■ 16.8917, 18.9002,
29.9524

■ 36.4514, 36.7283,
32.3627

■ 14.8536, 16.7902,
29.6525

■ 41.0583, 40.6349,
32.8739

■ 13.1233, 14.9021,
29.3793

■ 46.0818, 44.8277,
33.4184

■ 11.6821, 13.2252,
29.1316

■ 51.5326, 49.3131,
33.9969

■ 10.5093, 11.7477,
28.9082

■ 57.4211, 54.0973,
34.6100

■ 9.5809, 10.4559,
28.7078

■ 63.7572, 59.1864,
35.2583

■ 8.8577, 9.3286,
28.5283

■ 65.8395, 62.1576,
35.7221

Harmonies

Analogous

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



24.7205, 26.6556, 30.2713



25.0147, 26.6556, 31.0208



25.3975, 26.6556, 31.2297

Triad

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



25.0147, 26.6556, 31.0208



26.0945, 26.6556, 28.8458



24.9081, 26.6556, 27.2841

Complementary

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



25.0147, 26.6556, 31.0208



25.6762, 26.6446, 27.0827

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.



25.2733, 26.6556, 26.9235



25.0147, 26.6556, 31.0208



25.9603, 26.6556, 27.8103

Square

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



25.0147, 26.6556, 31.0208



26.0235, 26.6556, 29.9554



25.6587, 26.6556, 27.1137



24.6594, 26.6556, 28.1109

Rectangle

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



25.0147, 26.6556, 31.0208



25.6521, 26.6556, 31.0299



25.6587, 26.6556, 27.1137



25.0212, 26.6556, 27.1053

Sweetspot

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



25.0155, 26.6567, 31.0214



46.9534, 49.5880, 55.0703



25.1541, 27.6810, 28.7643



10.4630, 11.0474, 12.2531



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.0155, 26.6567, 31.0214



43.3847, 46.3433, 54.6321



24.3115, 25.2488, 30.7867



5.7715, 6.1770, 7.3578



7.6323, 7.9594, 25.0651



0.1223, 0.1553, 0.3164

Inverse Universe

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



25.5414, 25.6729, 29.2017



44.4840, 44.3048, 50.8242



26.3984, 28.0890, 27.3234



5.9381, 5.8703, 6.7803



11.9795, 5.9969, 8.6391



0.1612, 0.0792, 0.1826

Previews

White Background



This preview shows how the XYZ color 25.0147, 26.6556, 31.0208 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 25.0147, 26.6556, 31.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

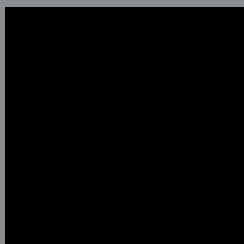
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

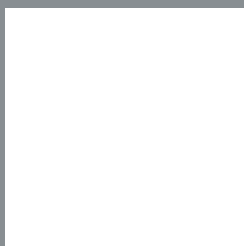
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0147, 26.6556, 31.0208

Background



This preview shows how black text looks on a background with the XYZ color 25.0147, 26.6556, 31.0208.



This preview shows how white text looks on a background with the XYZ color 25.0147, 26.6556,

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

25.0147, 26.6556, 31.0208

Protanopia

25.6442, 26.5513, 30.5614

Deuteranopia

27.1610, 26.6733, 31.3207



Tritanopia

25.5089, 26.6351, 33.5024

Trichromacy



Original Color

25.0147, 26.6556, 31.0208

Protanomaly

25.4509, 26.6695, 30.5944

Deuteranomaly

26.3531, 26.6828, 31.3651

Tritanomaly

25.3464, 26.5701, 32.6468

Monochromacy



Original Color

25.0147, 26.6556, 31.0208

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1303, 26.5219, 29.7813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0147, 26.6556, 31.0208 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(136, 142, 146) looks like.

```
.text, #text, p{  
    color:rgb(136, 142, 146)  
}
```

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(136, 142, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 142, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.0147, 26.6556, 31.0208 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(136, 142, 146) }
```


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

```
.border{ border-color:rgb(136, 142, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 142, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 142, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 142, 146);  
box-shadow:4px 4px 4px 4px rgb(136, 142,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0147, 26.6556, 31.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 142, 146) }
```

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

```
.background{ background-color: rgb(136,  
142, 146) }
```

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