

Converting Colors

XYZ(25.5647, 25.7707, 34.7269)

Have a look what the booklet for
XYZ(25.5647, 25.7707, 34.7269)
contains.

XYZ(25.5095, 25.7468, 34.6355)	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(25.5095, 25.7468,
34.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	8B899B
RGB	139, 137, 155
RGB Percent	55%, 54%, 61%
CMY	0.4549, 0.4627, 0.3922
CMYK	0.10, 0.12, 0.00, 0.39
HSL	247°, 8%, 57%
HSV	247°, 12%, 61%
XYZ	25.5095, 25.7468, 34.6355
YIQ	139.6500, -4.5860, 6.0220

Conversions

Conversions Part 2

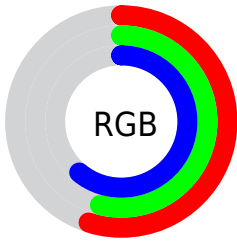
Format	Color
R_{YB}	139, 137, 155
Decimal	9144731
CIE Lab	57.80, 4.43, -9.29
CIE LCh	58, 10.296, 295.514
Yxy	25.7468, 0.2970, 0.2998
Android (android.graphics.Color)	4287334811 (0xFF8B899B)
YUV	139.6500, 7.5676, -0.5700
Hunter-Lab	50.7413, 0.9412, -4.9518

Details

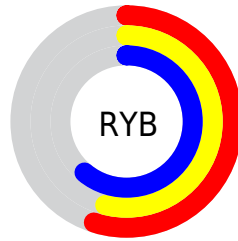
The XYZ color **25.5095, 25.7468, 34.6355** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3745, 32.0218, 28.3007**, and the grayscale version is **24.7650, 26.0547, 28.3736**.

A 20% lighter version of the original color is **51.9144, 52.7678, 67.7706**, and **10.0267, 9.9397, 14.4868** is the 20% darker color. If you saturate the color by 10%, you get **21.3051, 20.5406, 33.8526**, and if you desaturate by 10%, it is **30.3220, 31.7377, 35.5386**.

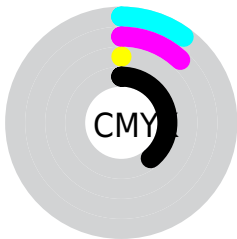
Distribution



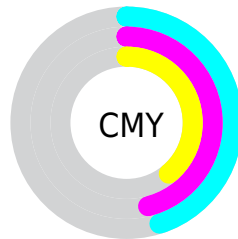
- Red (55%)
- Green (54%)
- Blue (61%)



- Red (55%)
- Yellow (54%)
- Blue (61%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (45%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5095, 25.7468, 34.6355 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 25.5095, 25.7468, 34.6355 by changing the saturation by 10% instead.

■ 25.5095, 25.7468,
34.6355

■ 25.5095, 25.7468,
34.6355

272.6669,
281.5369, 337.8118

■ 16.5878, 16.6343,
23.1009

■ 51.9195, 52.8662,
68.0659

■ 10.0345, 9.9741,
14.4621

■ 70.1386, 71.6419,
90.7987

■ 5.4843, 5.3818,
8.3003

■ 92.1875, 94.4074,
118.1015

■ 2.5718, 2.4730,
4.1972

118.4316,
121.5472, 150.3926

■ 0.9316, 0.8631,
1.7341

149.2362,
153.4457, 188.0906

■ 0.0000, 0.0000,
0.3840

184.9668,

■ 0.0000, 0.0000,

190.4872, 231.6141

0.0000

225.9885,
233.0561, 281.3817

■ 25.5095, 25.7468,
34.6355

■ 25.5095, 25.7468,
34.6355

■ 21.3051, 20.5406,
33.8526

■ 30.3220, 31.7377,
35.5386

■ 17.6823, 16.0836,
33.1833

■ 35.7632, 38.5407,
36.5649

■ 14.6160, 12.3420,
32.6227

■ 41.8554, 46.1856,
37.7195

■ 12.0786, 9.2786,
32.1651

■ 48.6191, 54.7000,
39.0064

■ 10.0398, 6.8525,
31.8043

■ 56.0742, 64.1100,
40.4298

■ 8.4664, 5.0183,
31.5332

■ 64.2394, 74.4408,
41.9935

■ 7.3211, 3.7250,
31.3439

■ 73.1330, 85.7164,
43.7012

■ 6.5606, 2.9123,
31.2271

■ 80.8271, 94.0695,
44.9079

■ 6.1514, 2.4877,
31.1667

■ 82.9165, 95.1466,
45.0057

Harmonies

Analogous

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



24.2862, 25.7468, 35.3810



25.5095, 25.7468, 34.6355



26.4831, 25.7468, 32.0666

Triad

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



25.5095, 25.7468, 34.6355



25.8419, 25.7468, 22.7899



22.1781, 25.7468, 27.5050

Complementary

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



25.5095, 25.7468, 34.6355



29.3745, 32.0218, 28.3007

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.



22.5646, 25.7468, 24.3543



25.5095, 25.7468, 34.6355



24.6579, 25.7468, 21.7816

Square

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



25.5095, 25.7468, 34.6355



26.6795, 25.7468, 25.2034



23.4622, 25.7468, 22.3294



22.3890, 25.7468, 31.0688

Rectangle

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



25.5095, 25.7468, 34.6355



26.8453, 25.7468, 29.7710



23.4622, 25.7468, 22.3294



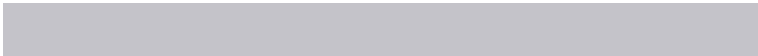
22.2421, 25.7468, 26.3657

Sweetspot

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



25.5103, 25.7479, 34.6361



52.9871, 55.1970, 63.3977



27.6577, 30.5336, 35.4466



11.8358, 12.2972, 14.3202



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.5103, 25.7479, 34.6361



43.5768, 43.4945, 61.6348



27.0395, 26.5362, 34.7076



5.9450, 6.0575, 7.7849



4.9585, 2.0073, 25.0338



0.0888, 0.0376, 0.3749

Inverse Universe

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



28.2138, 27.1609, 33.8937



49.4294, 46.5539, 59.9996



27.7740, 31.1968, 28.2258



6.4317, 6.3118, 7.6533



14.5385, 7.0697, 19.8928



0.2247, 0.1086, 0.3360

Previews

White Background



This preview shows how the XYZ color 25.5095, 25.7468, 34.6355 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 25.5095, 25.7468, 34.6355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

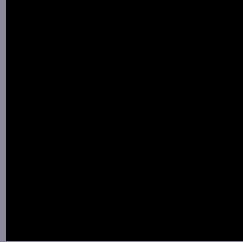
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5095, 25.7468, 34.6355

Background



This preview shows how black text looks on a background with the XYZ color 25.5095, 25.7468, 34.6355.



This preview shows how white text looks on a background with the XYZ color 25.5095, 25.7468,

34.6355.

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

25.5095, 25.7468, 34.6355

Protanopia

25.2426, 25.8115, 35.1042

Deuteranopia

26.2574, 25.7142, 34.5898



Tritanopia

24.9945, 25.7502, 32.0867

Trichromacy



Original Color

25.5095, 25.7468, 34.6355

Protanomaly

25.4058, 25.8956, 35.1118

Deuteranomaly

26.0482, 25.8145, 34.6202

Tritanomaly

25.1556, 25.8146, 32.9350

Monochromacy



Original Color

25.5095, 25.7468, 34.6355

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1587, 26.0850, 30.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5095, 25.7468, 34.6355 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(139, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(139, 137, 155)  
}
```

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(139, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 137, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.5095, 25.7468, 34.6355 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(139, 137, 155) }
```


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

```
.border{ border-color:rgb(139, 137, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(139, 137,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5095, 25.7468, 34.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 137, 155) }
```

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

```
.background{ background-color: rgb(139,  
137, 155) }
```

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