

Converting Colors

XYZ(25.1804, 25.0773, 35.3087)

Have a look what the booklet for
XYZ(25.1804, 25.0773, 35.3087)
contains.

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Color

**XYZ(25.2310, 25.1655,
35.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	8A879D
RGB	138, 135, 157
RGB Percent	54%, 53%, 62%
CMY	0.4588, 0.4706, 0.3843
CMYK	0.12, 0.14, 0.00, 0.38
HSL	248°, 10%, 57%
HSV	248°, 14%, 62%
XYZ	25.2310, 25.1655, 35.4259
YIQ	138.4050, -5.2740, 7.4780

Conversions

Conversions Part 2

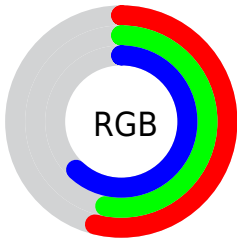
Format	Color
R_{YB}	138, 135, 157
Decimal	9078685
CIE Lab	57.24, 5.67, -11.29
CIE LCh	57, 12.631, 296.667
Yxy	25.1655, 0.2940, 0.2932
Android (android.graphics.Color)	4287268765 (0xFF8A879D)
YUV	138.4050, 9.1673, -0.3552
Hunter-Lab	50.1652, 1.9888, -6.7540

Details

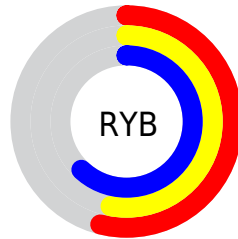
The XYZ color **25.2310, 25.1655, 35.4259** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7574, 32.7339, 27.6727**, and the grayscale version is **24.2803, 25.5447, 27.8182**.

A 20% lighter version of the original color is **51.6051, 51.9264, 69.5903**, and **9.8745, 9.6123, 14.9706** is the 20% darker color. If you saturate the color by 10%, you get **21.0949, 20.0183, 34.6508**, and if you desaturate by 10%, it is **29.9717, 31.1053, 36.3229**.

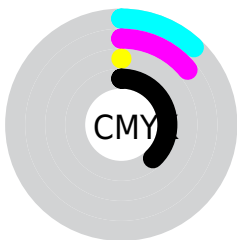
Distribution



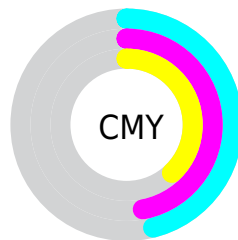
- Red (54%)
- Green (53%)
- Blue (62%)



- Red (54%)
- Yellow (53%)
- Blue (62%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2310, 25.1655, 35.4259 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 25.2310, 25.1655, 35.4259 by changing the saturation by 10% instead.

■ 25.2310, 25.1655,
35.4259

■ 25.2310, 25.1655,
35.4259

271.3129,
278.6611, 341.4055

■ 16.3789, 16.2004,
23.7050

■ 51.4719, 51.9256,
69.3041

■ 9.8852, 9.6661,
14.9047

■ 69.5914, 70.4894,
92.2984

■ 5.3846, 5.1781,
8.6067

■ 91.5308, 93.0215,
119.8876

■ 2.5117, 2.3521,
4.3922

117.6554,
119.9064, 152.4902

■ 0.9012, 0.8011,
1.8429

148.3305,
151.5284, 190.5247

■ 0.0000, 0.0000,
0.4560

183.9216,

■ 0.0000, 0.0000,

188.2719, 234.4097

0.0000

224.7939,
230.5214, 284.5638

■ 25.2310, 25.1655,
35.4259

■ 25.2310, 25.1655,
35.4259

■ 21.0949, 20.0183,
34.6508

■ 29.9717, 31.1053,
36.3229

■ 17.5369, 15.6270,
33.9907

■ 35.3379, 37.8660,
37.3450

■ 14.5317, 11.9569,
33.4407

■ 41.3519, 45.4784,
38.4974

■ 12.0512, 8.9692,
32.9947

■ 48.0345, 53.9708,
39.7844

■ 10.0649, 6.6213,
32.6462

■ 55.4056, 63.3700,
41.2101

■ 8.5390, 4.8660,
32.3879

■ 63.4840, 73.7020,
42.7786

■ 7.4354, 3.6493,
32.2112

■ 72.2879, 84.9914,
44.4937

■ 6.7095, 2.9073,
32.1062

■ 80.0212, 93.6344,
45.7544

■ 6.4037, 2.5982,
32.0627

■ 83.0859, 95.2144,
45.8978

Harmonies

Analogous

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



23.7525, 25.1655, 36.4573



25.2310, 25.1655, 35.4259



26.3991, 25.1655, 32.1725

Triad

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



25.2310, 25.1655, 35.4259



25.5318, 25.1655, 21.0888



21.1656, 25.1655, 26.9257

Complementary

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



25.2310, 25.1655, 35.4259



29.7574, 32.7339, 27.6727

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.



21.5994, 25.1655, 23.1262



25.2310, 25.1655, 35.4259



24.0864, 25.1655, 19.9842

Square

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



25.2310, 25.1655, 35.4259



26.5778, 25.1655, 23.8735



22.6534, 25.1655, 20.6898



21.4438, 25.1655, 31.2598

Rectangle

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



25.2310, 25.1655, 35.4259



26.8232, 25.1655, 29.3413



22.6534, 25.1655, 20.6898



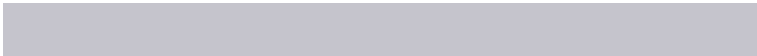
21.2325, 25.1655, 25.5481

Sweetspot

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



25.2318, 25.1666, 35.4265



53.6164, 55.6312, 65.0388



27.6448, 30.7191, 36.3710



11.6572, 12.0644, 14.2846



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.



25.2318, 25.1666, 35.4265



42.6127, 41.8589, 62.9604



27.1328, 26.1466, 35.5154



6.3647, 6.4765, 8.3213



5.2205, 2.1203, 26.0413



0.1145, 0.0488, 0.4666

Inverse Universe

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



28.4021, 26.8302, 34.2547



49.4899, 45.4687, 60.3670



27.7701, 31.7094, 27.5797



6.8652, 6.7390, 8.1415



14.8893, 7.2603, 19.4658



0.2760, 0.1337, 0.3993

Previews

White Background



This preview shows how the XYZ color 25.2310, 25.1655, 35.4259 looks on a white background.

Color Contrast Check

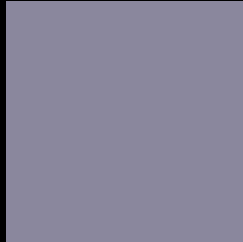
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2310, 25.1655, 35.4259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

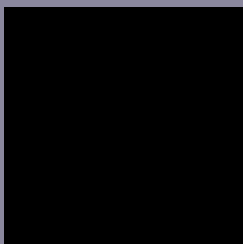
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2310, 25.1655, 35.4259

Background



This preview shows how black text looks on a background with the XYZ color 25.2310, 25.1655, 35.4259.



This preview shows how white text looks on a background with the XYZ color 25.2310, 25.1655,

35.4259.

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

25.2310, 25.1655, 35.4259

Protanopia

24.8072, 25.1453, 35.8938

Deuteranopia

25.5954, 25.1472, 35.4032



Tritanopia

24.3655, 25.2321, 31.1899

Trichromacy



Original Color

25.2310, 25.1655, 35.4259

Protanomaly

24.9674, 25.2278, 35.9013

Deuteranomaly

25.4261, 25.0600, 35.3952

Tritanomaly

24.7066, 25.1610, 32.8325

Monochromacy



Original Color

25.2310, 25.1655, 35.4259

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5377, 25.3389, 30.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2310, 25.1655, 35.4259 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(138, 135, 157)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 157)  
}
```

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(138, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.2310, 25.1655, 35.4259 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(138, 135, 157) }
```


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

```
.border{ border-color:rgb(138, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2310, 25.1655, 35.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 157) }
```

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

```
.background{ background-color: rgb(138,  
135, 157) }
```

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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