

Converting Colors

XYZ(25.8035, 25.7179, 27.8337)

Have a look what the booklet for
XYZ(25.8035, 25.7179, 27.8337)
contains.

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Color

**XYZ(25.6458, 25.5525,
27.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	95878A
RGB	149, 135, 138
RGB Percent	58%, 53%, 54%
CMY	0.4157, 0.4706, 0.4588
CMYK	0.00, 0.09, 0.07, 0.42
HSL	347°, 6%, 56%
HSV	347°, 9%, 58%
XYZ	25.6458, 25.5525, 27.6252
YIQ	139.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

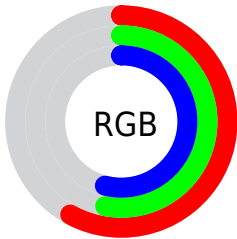
Format	Color
R_{YB}	149, 135, 138
Decimal	9799562
CIE Lab	57.61, 5.81, 0.30
CIE LCh	58, 5.818, 2.960
Yxy	25.5525, 0.3254, 0.3242
Android (android.graphics.Color)	4287989642 (0xFF95878A)
YUV	139.5280, -0.7533, 8.3069
Hunter-Lab	50.5495, 2.0987, 2.9828

Details

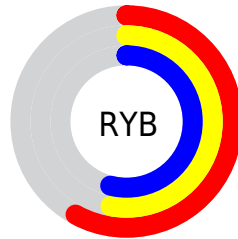
The XYZ color **25.6458, 25.5525, 27.6252** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9284, 28.7217, 31.3727**, and the grayscale version is **24.7457, 26.0344, 28.3515**.

A 20% lighter version of the original color is **52.0158, 52.4245, 56.6676**, and **10.0470, 9.7983, 10.5942** is the 20% darker color. If you saturate the color by 10%, you get **22.9082, 21.3614, 22.7532**, and if you desaturate by 10%, it is **28.7672, 30.3643, 33.0768**.

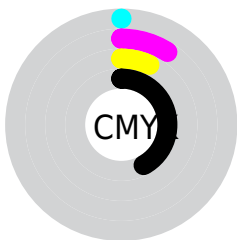
Distribution



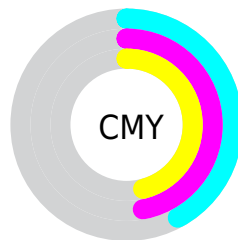
- Red (58%)
- Green (53%)
- Blue (54%)



- Red (58%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6458, 25.5525, 27.6252 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 25.6458, 25.5525, 27.6252 by changing the saturation by 10% instead.

■ 25.6458, 25.5525,
27.6252

■ 25.6458, 25.5525,
27.6252

273.3277,
280.5784, 304.5270

■ 16.6901, 16.4892,
17.8067

■ 52.1384, 52.5521,
56.9014

■ 10.1077, 9.8710,
10.6433

■ 70.4060, 71.2572,
77.1962

■ 5.5333, 5.3135,
5.7164

■ 92.5083, 93.9450,
101.8202

■ 2.6014, 2.4323,
2.6074

118.8106,
120.9999, 131.1919

■ 0.9466, 0.8425,
0.8963

149.6784,
152.8063, 165.7299

■ 0.0000, 0.0000,
0.0000

185.4769,

189.7486, 205.8527

226.5716,
232.2111, 251.9789

■ 25.6458, 25.5525,
27.6252

■ 25.6458, 25.5525,
27.6252

■ 22.9082, 21.3614,
22.7532

■ 28.7672, 30.3643,
33.0768

■ 20.5374, 17.7625,
18.4399

■ 32.2844, 35.8172,
39.1245

■ 18.5181, 14.7300,
14.6656

■ 36.2114, 41.9348,
45.7865

■ 16.8334, 12.2348,
11.4088

■ 40.5609, 48.7386,
53.0794

■ 15.4647, 10.2455,
8.6465

■ 45.3452, 56.2488,
61.0195

■ 14.3917, 8.7270,
6.3540

■ 50.5758, 64.4851,
69.6221

■ 13.5914, 7.6400,
4.5042

■ 56.2640, 73.4664,
78.9023

■ 13.0377, 6.9387,
3.0672

■ 62.4207, 83.2107,
88.8746

■ 12.6735, 6.5169,
2.0007

■ 64.3905, 84.4040,
97.9978

Harmonies

Analogous

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



25.4965, 25.5525, 29.5984



25.6458, 25.5525, 27.6252



25.4253, 25.5525, 25.7920

Triad

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



25.6458, 25.5525, 27.6252



23.5672, 25.5525, 24.7336



23.6845, 25.5525, 31.3716

Complementary

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



25.6458, 25.5525, 27.6252



25.9284, 28.7217, 31.3727

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.



23.1830, 25.5525, 29.9565



25.6458, 25.5525, 27.6252



23.1162, 25.5525, 26.1187

Square

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



25.6458, 25.5525, 27.6252



24.2180, 25.5525, 24.1732



22.9768, 25.5525, 28.0204



24.3559, 25.5525, 31.8214

Rectangle

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



25.6458, 25.5525, 27.6252



25.1006, 25.5525, 24.8783



22.9768, 25.5525, 28.0204



23.4909, 25.5525, 30.9899

Sweetspot

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



25.6465, 25.5536, 27.6257



49.3875, 51.0875, 55.5335



25.9377, 25.6070, 32.0095



10.8494, 11.1743, 12.1404



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.



25.6465, 25.5536, 27.6257



44.9818, 44.3079, 47.8010



25.9961, 26.5954, 26.6864



5.8486, 5.8345, 6.3090



10.6595, 5.4689, 1.6879



0.1396, 0.0706, 0.0690

Inverse Universe

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



25.6465, 25.5536, 27.6257



44.9818, 44.3079, 47.8010



25.5478, 27.5826, 32.4114



5.8486, 5.8345, 6.3090



10.6595, 5.4689, 1.6879



0.1396, 0.0706, 0.0690

Previews

White Background



This preview shows how the XYZ color 25.6458, 25.5525, 27.6252 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 25.6458, 25.5525, 27.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

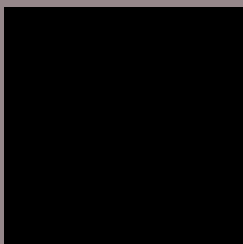
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

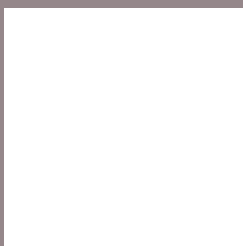
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6458, 25.5525, 27.6252

Background



This preview shows how black text looks on a background with the XYZ color 25.6458, 25.5525, 27.6252.



This preview shows how white text looks on a background with the XYZ color 25.6458, 25.5525,

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

25.6458, 25.5525, 27.6252

Protanopia

24.6373, 25.6459, 28.4626

Deuteranopia

26.0614, 25.5606, 27.6049



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

25.6458, 25.5525, 27.6252

Protanomaly

24.9336, 25.5950, 28.0523

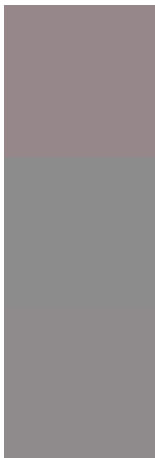
Deuteranomaly

25.8750, 25.4645, 27.5961

Tritanomaly

25.9853, 25.4872, 29.1411

Monochromacy



Original Color

25.6458, 25.5525, 27.6252

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0764, 25.8807, 28.0999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6458, 25.5525, 27.6252 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(149, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 138)  
}
```

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(149, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.6458, 25.5525, 27.6252 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(149, 135, 138) }
```


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

```
.border{ border-color:rgb(149, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 135,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6458, 25.5525, 27.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 138) }
```

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

```
.background{ background-color: rgb(149,  
135, 138) }
```

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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