

Converting Colors

XYZ(25.7025, 25.5110, 30.7622)

Have a look what the booklet for
XYZ(25.7025, 25.5110, 30.7622)
contains.

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Color

**XYZ(25.7063, 25.5143,
30.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	928792
RGB	146, 135, 146
RGB Percent	57%, 53%, 57%
CMY	0.4274, 0.4706, 0.4274
CMYK	0.00, 0.08, 0.00, 0.43
HSL	300°, 5%, 55%
HSV	300°, 8%, 57%
XYZ	25.7063, 25.5143, 30.7640
YIQ	139.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

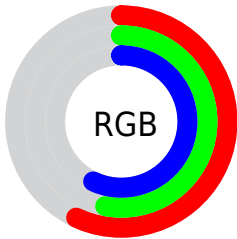
Format	Color
R_{YB}	146, 135, 146
Decimal	9602962
CIE _{Lab}	57.57, 6.22, -4.39
CIE _{LCh}	58, 7.614, 324.815
Yxy	25.5143, 0.3136, 0.3112
Android (android.graphics.Color)	4287793042 (0xFF928792)
YUV	139.5430, 3.1833, 5.6628
Hunter-Lab	50.5117, 2.4464, -0.7522

Details

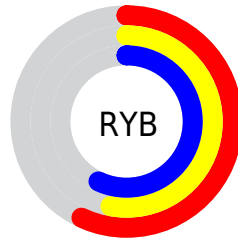
The XYZ color **25.7063, 25.5143, 30.7640** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6448, 27.4587, 26.9242**, and the grayscale version is **24.7380, 26.0263, 28.3426**.

A 20% lighter version of the original color is **52.2280, 52.4159, 62.0082**, and **10.1837, 9.8283, 12.4266** is the 20% darker color. If you saturate the color by 10%, you get **23.8076, 21.7166, 30.1314**, and if you desaturate by 10%, it is **27.8859, 29.8729, 31.4908**.

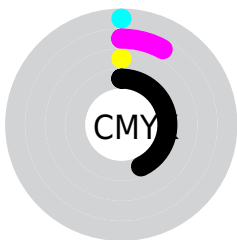
Distribution



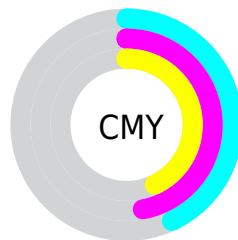
- Red (57%)
- Green (53%)
- Blue (57%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (43%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7063, 25.5143, 30.7640 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 25.7063, 25.5143, 30.7640 by changing the saturation by 10% instead.

■ 25.7063, 25.5143,
30.7640

■ 25.7063, 25.5143,
30.7640

273.6206,
280.3896, 319.7671

■ 16.7356, 16.4606,
20.1623

■ 52.2354, 52.4903,
61.9435

■ 10.1403, 9.8507,
12.3278

■ 70.5246, 71.1815,
83.3584

■ 5.5550, 5.3001,
6.8421

■ 92.6505, 93.8540,
109.2147

■ 2.6145, 2.4244,
3.2866

118.9787,
120.8922, 139.9310

■ 0.9534, 0.8384,
1.2428

149.8745,
152.6804, 175.9259

■ 0.0000, 0.0000,
0.0142

185.7031,

■ 0.0000, 0.0000,

189.6031, 217.6178

0.0000

226.8300,
232.0447, 265.4254

■ 25.7063, 25.5143,
30.7640

■ 25.7063, 25.5143,
30.7640

■ 23.8076, 21.7166,
30.1314

■ 27.8859, 29.8729,
31.4908

■ 22.1762, 18.4539,
29.5877

■ 30.3547, 34.8105,
32.3137

■ 20.8008, 15.7033,
29.1292

■ 33.1236, 40.3482,
33.2367

■ 19.6684, 13.4387,
28.7518

■ 36.2023, 46.5054,
34.2629

■ 18.7649, 11.6318,
28.4506

■ 39.5999, 53.3004,
35.3954

■ 18.0748, 10.2516,
28.2206

■ 43.3251, 60.7508,
36.6371

■ 17.5804, 9.2629,
28.0558

■ 47.3865, 68.8735,
37.9909

■ 17.2615, 8.6253,
27.9496

■ 51.7922, 77.6848,
39.4594

■ 17.0809, 8.2642,
27.8894

■ 52.8033, 79.7068,
39.7964

Harmonies

Analogous

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



24.9910, 25.5143, 32.5730



25.7063, 25.5143, 30.7640



26.0320, 25.5143, 28.2353

Triad

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



25.7063, 25.5143, 30.7640



24.4088, 25.5143, 23.0908



22.6995, 25.5143, 29.9335

Complementary

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



25.7063, 25.5143, 30.7640



24.6448, 27.4587, 26.9242

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.



22.5523, 25.5143, 27.3311



25.7063, 25.5143, 30.7640



23.5249, 25.5143, 23.4832

Square

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



25.7063, 25.5143, 30.7640



25.2710, 25.5143, 23.8897



22.8509, 25.5143, 24.9969



23.2580, 25.5143, 32.0729

Rectangle

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



25.7063, 25.5143, 30.7640



25.9787, 25.5143, 26.5212



22.8509, 25.5143, 24.9969



22.6009, 25.5143, 29.0795

Sweetspot

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



25.7070, 25.5154, 30.7646



47.3981, 49.1085, 54.9543



23.8708, 24.6068, 30.6860



10.5556, 10.9474, 12.2289



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.



25.7070, 25.5154, 30.7646



44.7633, 43.8390, 54.0760



25.3031, 25.3538, 28.6370



6.0353, 5.9092, 7.2922



14.9967, 7.2037, 24.5311



0.1836, 0.0882, 0.3002

Inverse Universe

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



24.8922, 25.1895, 26.4733



43.0299, 43.1456, 44.9477



25.0285, 27.6121, 28.9450



5.8008, 5.8154, 6.0572



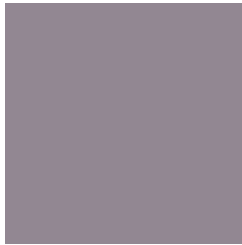
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 25.7063, 25.5143, 30.7640 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 25.7063, 25.5143, 30.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

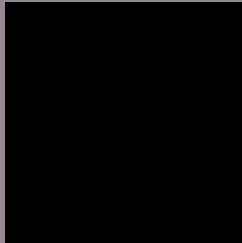
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7063, 25.5143, 30.7640

Background



This preview shows how black text looks on a background with the XYZ color 25.7063, 25.5143, 30.7640.



This preview shows how white text looks on a background with the XYZ color 25.7063, 25.5143,

30.7640.

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

25.7063, 25.5143, 30.7640

Protanopia

24.6934, 25.4012, 31.2052

Deuteranopia

25.9261, 25.4214, 30.7345



Tritanopia

25.7063, 25.5143, 30.7640

Trichromacy



Original Color

25.7063, 25.5143, 30.7640

Protanomaly

25.0551, 25.3776, 31.1816

Deuteranomaly

25.7460, 25.3286, 30.7261

Tritanomaly

25.7063, 25.5143, 30.7640

Monochromacy



Original Color

25.7063, 25.5143, 30.7640

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1263, 25.8807, 29.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7063, 25.5143, 30.7640 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(146, 135, 146) looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 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(146, 135, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.7063, 25.5143, 30.7640 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(146, 135, 146) }
```


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

```
.border{ border-color:rgb(146, 135, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 135, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7063, 25.5143, 30.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 146) }
```

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

```
.background{ background-color: rgb(146,  
135, 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](#).

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