

Converting Colors

XYZ(25.5545, 28.2872, 30.6067)

Have a look what the booklet for
XYZ(25.5545, 28.2872, 30.6067)
contains.

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Color

**XYZ(25.6156, 28.3443,
30.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	879490
RGB	135, 148, 144
RGB Percent	53%, 58%, 56%
CMY	0.4706, 0.4196, 0.4353
CMYK	0.09, 0.00, 0.03, 0.42
HSL	162°, 6%, 55%
HSV	162°, 9%, 58%
XYZ	25.6156, 28.3443, 30.5065
YIQ	143.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

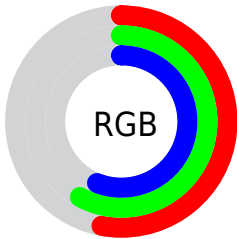
Format	Color
R_{YB}	135, 143, 148
Decimal	8885392
CIE Lab	60.20, -5.47, 0.51
CIE LCh	60, 5.498, 174.713
Yxy	28.3443, 0.3033, 0.3356
Android (android.graphics.Color)	4287075472 (0xFF879490)
YUV	143.6570, 0.1691, -7.5922
Hunter-Lab	53.2394, -7.2854, 3.2940

Details

The XYZ color **25.6156, 28.3443, 30.5065** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.5379, 25.4886, 28.0011**, and the grayscale version is **26.3732, 27.7467, 30.2161**.

A 20% lighter version of the original color is **52.0526, 57.0096, 61.6866**, and **10.0414, 11.2888, 12.2394** is the 20% darker color. If you saturate the color by 10%, you get **23.0569, 27.0654, 28.6061**, and if you desaturate by 10%, it is **28.5211, 29.8019, 32.4977**.

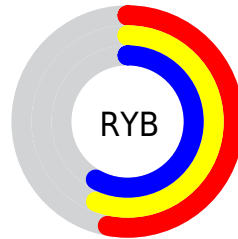
Distribution



Red (53%)

Green (58%)

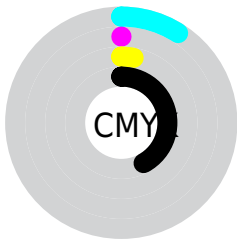
Blue (56%)



Red (53%)

Yellow (56%)

Blue (58%)

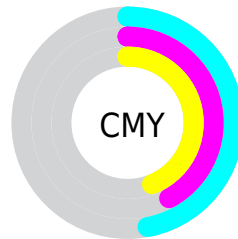


Cyan (9%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6156, 28.3443, 30.5065 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 25.6156, 28.3443, 30.5065 by changing the saturation by 10% instead.

■ 25.6156, 28.3443,
30.5065

■ 25.6156, 28.3443,
30.5065

273.1814,
294.1085, 318.5388

■ 16.6675, 18.5854,
19.9680

■ 52.0899, 57.0337,
61.5327

■ 10.0915, 11.3711,
12.1880

■ 70.3468, 76.7329,
82.8575

■ 5.5224, 6.3170,
6.7477

■ 92.4372, 100.5143,
108.6149

■ 2.5948, 3.0388,
3.2288

118.7267,
128.7623, 139.2234

■ 0.9433, 1.1520,
1.2126

149.5805,
161.8614, 175.1014

■ 0.0000, 0.0220,
0.0000

185.3640,

■ 0.0000, 0.0000,

200.1958, 216.6677

0.0000

226.4425,
244.1501, 264.3406

■ 25.6156, 28.3443,
30.5065

■ 25.6156, 28.3443,
30.5065

■ 23.0569, 27.0654,
28.6061

■ 28.5211, 29.8019,
32.4977

■ 20.8287, 25.9546,
26.7930

■ 31.7838, 31.4412,
34.5793

■ 18.9172, 25.0054,
25.0664

■ 35.4169, 33.2698,
36.7532

■ 17.3067, 24.2098,
23.4247

■ 39.4320, 35.2936,
39.0208

■ 15.9797, 23.5589,
21.8661

■ 43.8404, 37.5184,
41.3835

■ 14.9175, 23.0429,
20.3888

■ 48.6526, 39.9498,
43.8425

■ 14.0984, 22.6507,
18.9908

■ 53.8789, 42.5929,
46.3991

■ 13.4977, 22.3696,
17.6702

■ 59.5294, 45.4529,
49.0545

■ 13.0611, 22.1717,
16.4233

■ 60.5876, 45.9437,
51.5747

Harmonies

Analogous

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



25.8511, 28.3443, 28.6776



25.6156, 28.3443, 30.5065



25.7300, 28.3443, 32.5105

Triad

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



25.6156, 28.3443, 30.5065



27.5100, 28.3443, 34.5173



27.7295, 28.3443, 27.8062

Complementary

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



25.6156, 28.3443, 30.5065



25.5379, 25.4886, 28.0011

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.



28.1882, 28.3443, 29.2704



25.6156, 28.3443, 30.5065



28.0599, 28.3443, 33.1549

Square

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



25.6156, 28.3443, 30.5065



26.8159, 28.3443, 34.8832



28.3101, 28.3443, 31.2205



27.0653, 28.3443, 27.1626

Rectangle

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



25.6156, 28.3443, 30.5065



25.9904, 28.3443, 33.6692



28.3101, 28.3443, 31.2205



27.9133, 28.3443, 28.2156

Sweetspot

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



25.6164, 28.3455, 30.5071



48.0548, 51.4441, 55.8169



25.6309, 28.4293, 27.0586



10.8799, 11.6985, 12.6803



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.



25.6164, 28.3455, 30.5071



44.0421, 49.4338, 52.9947



25.5577, 27.7299, 32.0237



5.8889, 6.5321, 7.0257



11.1254, 18.9230, 13.9679



0.1494, 0.2369, 0.2406

Inverse Universe

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



25.5379, 25.4886, 28.0011



43.8681, 43.0999, 47.4391



25.5871, 26.0464, 26.6009



5.8699, 5.8430, 6.4212



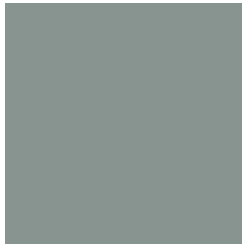
10.8565, 5.5477, 2.7254



0.1449, 0.0727, 0.0966

Previews

White Background



This preview shows how the XYZ color 25.6156, 28.3443, 30.5065 looks on a white background.

Color Contrast Check

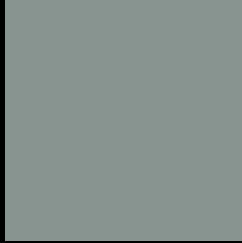
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6156, 28.3443, 30.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

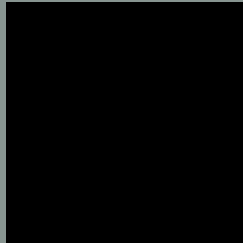
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

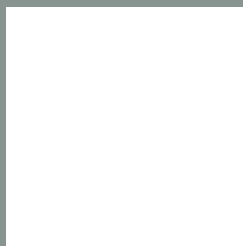
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6156, 28.3443, 30.5065

Background



This preview shows how black text looks on a background with the XYZ color 25.6156, 28.3443, 30.5065.

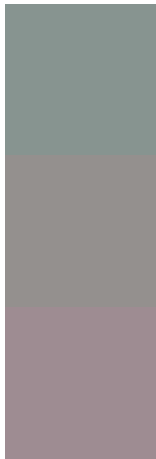


This preview shows how white text looks on a background with the XYZ color 25.6156, 28.3443,

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

25.6156, 28.3443, 30.5065

Protanopia

27.0685, 28.1954, 29.6068

Deuteranopia

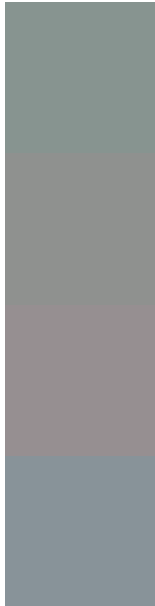
28.6669, 28.1006, 31.1072



Tritanopia

26.7670, 28.3448, 36.4081

Trichromacy



Original Color

25.6156, 28.3443, 30.5065

Protanomaly

26.4110, 28.0736, 30.0133

Deuteranomaly

27.5110, 28.1733, 30.7761

Tritanomaly

26.3368, 28.4016, 34.2309

Monochromacy



Original Color

25.6156, 28.3443, 30.5065

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1439, 27.9271, 30.3981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6156, 28.3443, 30.5065 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(135, 148, 144)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 144)  
}
```

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(135, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 144) }
```

Border

The CSS property to change the border of an element to XYZ 25.6156, 28.3443, 30.5065 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(135, 148, 144) }
```


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

```
.border{ border-color:rgb(135, 148, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 148, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 148, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 148, 144); box-shadow:4px 4px 4px 4px rgb(135, 148, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6156, 28.3443, 30.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 144) }
```

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

```
.background{ background-color: rgb(135,  
148, 144) }
```

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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