

Converting Colors

XYZ(25.7712, 29.2019, 33.2666)

Have a look what the booklet for
XYZ(25.7712, 29.2019, 33.2666)
contains.

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Color

**XYZ(25.7865, 29.3256,
33.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	819896
RGB	129, 152, 150
RGB Percent	51%, 60%, 59%
CMY	0.4941, 0.4039, 0.4118
CMYK	0.15, 0.00, 0.01, 0.40
HSL	175°, 10%, 55%
HSV	175°, 15%, 60%
XYZ	25.7865, 29.3256, 33.1555
YIQ	144.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

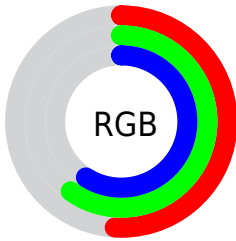
Format	Color
R_YB	129, 141, 152
Decimal	8493206
CIE Lab	61.07, -8.51, -1.68
CIE LCh	61, 8.669, 191.159
Yxy	29.3256, 0.2921, 0.3322
Android (android.graphics.Color)	4286683286 (0xFF819896)
YUV	144.8950, 2.5168, -13.9399
Hunter-Lab	54.1531, -9.7703, 1.6066

Details

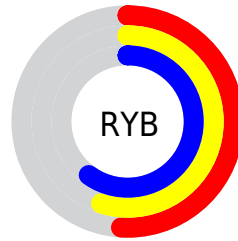
The XYZ color **25.7865, 29.3256, 33.1555** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8969, 24.0154, 24.7972**, and the grayscale version is **26.8656, 28.2647, 30.7802**.

A 20% lighter version of the original color is **52.2618, 58.4473, 65.6537**, and **10.1303, 11.8705, 13.5617** is the 20% darker color. If you saturate the color by 10%, you get **23.5415, 28.1813, 32.4980**, and if you desaturate by 10%, it is **28.3779, 30.6499, 33.8368**.

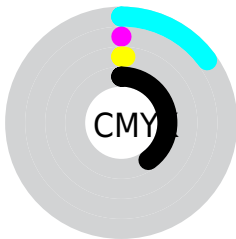
Distribution



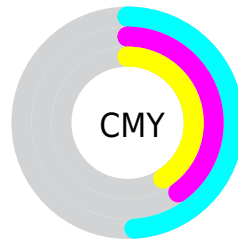
- Red (51%)
- Green (60%)
- Blue (59%)



- Red (51%)
- Yellow (55%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7865, 29.3256, 33.1555 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 25.7865, 29.3256, 33.1555 by changing the saturation by 10% instead.

■ 25.7865, 29.3256,
33.1555

■ 25.7865, 29.3256,
33.1555

274.0084,
298.7481, 331.0033

■ 16.7958, 19.3273,
21.9735

■ 52.3641, 58.5940,
65.7370

■ 10.1834, 11.9070,
13.6393

■ 70.6817, 78.6329,
87.9737

■ 5.5839, 6.6804,
7.7344

■ 92.8390, 102.7874,
114.7322

■ 2.6320, 3.2630,
3.8401

119.2014,
131.4419, 146.4313

■ 0.9623, 1.2705,
1.5380

150.1341,
164.9808, 183.4894

■ 0.0000, 0.1182,
0.2460

186.0027,

■ 0.0000, 0.0000,

203.7886, 226.3251

0.0000

227.1723,
248.2496, 275.3569

■ 25.7865, 29.3256,
33.1555

■ 25.7865, 29.3256,
33.1555

■ 23.5415, 28.1813,
32.4980

■ 28.3779, 30.6499,
33.8368

■ 21.6252, 27.2055,
31.8615

■ 31.3274, 32.1579,
34.5405

■ 20.0223, 26.3911,
31.2459

■ 34.6491, 33.8577,
35.2679

■ 18.7150, 25.7291,
30.6503

■ 38.3558, 35.7557,
36.0197

■ 17.6842, 25.2093,
30.0739

■ 42.4595, 37.8583,
36.7964

■ 16.9079, 24.8207,
29.5156

■ 46.9719, 40.1715,
37.5987

■ 16.3614, 24.5504,
28.9742

■ 51.9040, 42.7008,
38.4270

■ 16.0121, 24.3816,
28.4482

■ 57.2664, 45.4519,
39.2818

■ 15.8724, 24.3150,
28.1958

■ 58.9823, 46.3229,
39.9724

Harmonies

Analogous

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



25.8584, 29.3256, 29.9546



25.7865, 29.3256, 33.1555



26.2622, 29.3256, 36.2230

Triad

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



25.7865, 29.3256, 33.1555



29.3342, 29.3256, 36.8708



28.5838, 29.3256, 26.3735

Complementary

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



25.7865, 29.3256, 33.1555



24.8969, 24.0154, 24.7972

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.



29.5485, 29.3256, 27.9914



25.7865, 29.3256, 33.1555



29.9898, 29.3256, 33.9917

Square

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



25.7865, 29.3256, 33.1555



28.2976, 29.3256, 38.4630



30.0693, 29.3256, 30.7362



27.4529, 29.3256, 26.1832

Rectangle

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



25.7865, 29.3256, 33.1555



26.8337, 29.3256, 37.7239



30.0693, 29.3256, 30.7362



28.9391, 29.3256, 26.7630

Sweetspot

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



25.7873, 29.3268, 33.1562



50.1047, 54.1064, 59.7267



24.5981, 28.8920, 25.0496



11.3167, 12.2612, 13.5572



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.7873, 29.3268, 33.1562



44.1745, 51.0782, 58.1431



24.5141, 26.5200, 33.5340



6.3614, 7.0173, 7.8265



13.3137, 20.3889, 23.6704



0.2049, 0.3072, 0.3849

Inverse Universe

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



24.8969, 24.0154, 24.7972



42.3106, 39.9583, 40.6441



26.0295, 26.4957, 24.5116



6.2295, 6.2310, 6.5889



10.9250, 5.6242, 0.8643



0.1684, 0.0861, 0.0396

Previews

White Background



This preview shows how the XYZ color 25.7865, 29.3256, 33.1555 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 25.7865, 29.3256, 33.1555 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

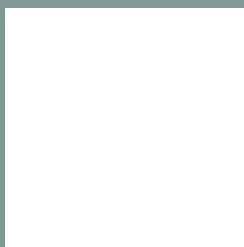
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7865, 29.3256, 33.1555

Background



This preview shows how black text looks on a background with the XYZ color 25.7865, 29.3256, 33.1555.



This preview shows how white text looks on a background with the XYZ color 25.7865, 29.3256,

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

25.7865, 29.3256, 33.1555

Protanopia

28.1230, 29.1484, 31.7477

Deuteranopia

29.7880, 29.2828, 33.7879



Tritanopia

26.7880, 29.2466, 38.4157

Trichromacy



Original Color

25.7865, 29.3256, 33.1555

Protanomaly

27.0905, 29.0687, 32.2000

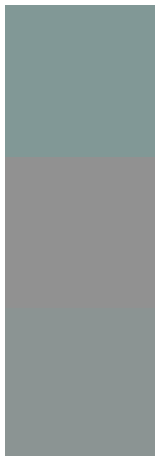
Deuteranomaly

28.0775, 29.0880, 33.4129

Tritanomaly

26.4441, 29.3477, 36.6187

Monochromacy



Original Color

25.7865, 29.3256, 33.1555

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5038, 28.7754, 31.7611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7865, 29.3256, 33.1555 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(129, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(129, 152, 150)  
}
```

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(129, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 152, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.7865, 29.3256, 33.1555 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(129, 152, 150) }
```


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

```
.border{ border-color:rgb(129, 152, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(129, 152,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7865, 29.3256, 33.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 152, 150) }
```

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

```
.background{ background-color: rgb(129,  
152, 150) }
```

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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