

Converting Colors

XYZ(25.4505, 29.2481, 33.7761)

Have a look what the booklet for
XYZ(25.4505, 29.2481, 33.7761)
contains.

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Color

**XYZ(25.2716, 29.0508,
33.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9897
RGB	125, 152, 151
RGB Percent	49%, 60%, 59%
CMY	0.5098, 0.4039, 0.4078
CMYK	0.18, 0.00, 0.01, 0.40
HSL	178°, 12%, 54%
HSV	178°, 18%, 60%
XYZ	25.2716, 29.0508, 33.5536
YIQ	143.8130, -15.7710, -6.0350

Conversions

Conversions Part 2

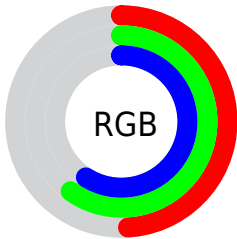
Format	Color
RYB	125, 139, 152
Decimal	8231063
CIELab	60.83, -9.63, -2.63
CIELCh	61, 9.986, 195.273
Yxy	29.0508, 0.2876, 0.3306
Android (android.graphics.Color)	4286421143 (0xFF7D9897)
YUV	143.8130, 3.5432, -16.4990
Hunter-Lab	53.8988, -10.6294, 0.8194

Details

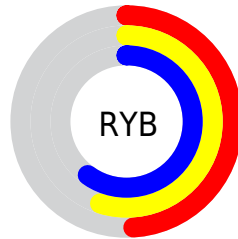
The XYZ color **25.2716, 29.0508, 33.5536** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0494, 22.8498, 22.8828**, and the grayscale version is **26.4254, 27.8016, 30.2759**.

A 20% lighter version of the original color is **51.4508, 58.0154, 66.2439**, and **9.8556, 11.7233, 13.8000** is the 20% darker color. If you saturate the color by 10%, you get **23.1748, 27.9759, 33.2175**, and if you desaturate by 10%, it is **27.7100, 30.3033, 33.9081**.

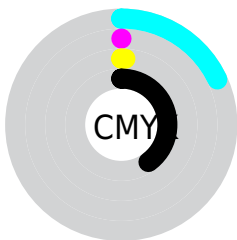
Distribution



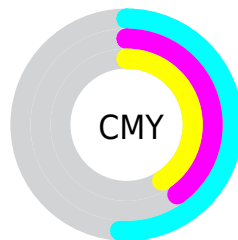
- Red (49%)
- Green (60%)
- Blue (59%)



- Red (49%)
- Yellow (55%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2716, 29.0508, 33.5536 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 25.2716, 29.0508, 33.5536 by changing the saturation by 10% instead.

■ 25.2716, 29.0508,
33.5536

■ 25.2716, 29.0508,
33.5536

271.5106,
297.4546, 332.8451

■ 16.4093, 19.1193,
22.2763

■ 51.5372, 58.1578,
66.3648

■ 9.9069, 11.7565,
13.8598

■ 69.6713, 78.1020,
88.7358

■ 5.3991, 6.5781,
7.8856

■ 91.6267, 102.1526,
115.6418

■ 2.5204, 3.1997,
3.9351

117.7687,
130.6939, 147.5013

■ 0.9056, 1.2368,
1.5898

148.4627,
164.1104, 184.7328

■ 0.0000, 0.0915,
0.2835

184.0742,

■ 0.0000, 0.0000,

202.7864, 227.7549

0.0000

224.9683,
247.1063, 276.9862

■ 25.2716, 29.0508,
33.5536

■ 25.2716, 29.0508,
33.5536

■ 23.1748, 27.9759,
33.2175

■ 27.7100, 30.3033,
33.9081

■ 21.4015, 27.0670,
32.8971

■ 30.5017, 31.7372,
34.2796

■ 19.9362, 26.3168,
32.5922

■ 33.6613, 33.3606,
34.6695

■ 18.7606, 25.7160,
32.3020

■ 37.2016, 35.1804,
35.0783

■ 17.8550, 25.2543,
32.0256

■ 41.1349, 37.2026,
35.5067

■ 17.1969, 24.9202,
31.7619

■ 45.4727, 39.4334,
35.9552

■ 16.7602, 24.7002,
31.5097

■ 50.2264, 41.8786,
36.4243

■ 16.4977, 24.5700,
31.2668

■ 55.4067, 44.5436,
36.9146

■ 16.4453, 24.5441,
31.2129

■ 58.4761, 46.1204,
37.3071

Harmonies

Analogous

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



25.2658, 29.0508, 29.8474



25.2716, 29.0508, 33.5536



25.8911, 29.0508, 36.9912

Triad

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



25.2716, 29.0508, 33.5536



29.4249, 29.0508, 36.9376



28.2518, 29.0508, 25.2046

Complementary

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



25.2716, 29.0508, 33.5536



24.0494, 22.8498, 22.8828

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.



29.4074, 29.0508, 26.8160



25.2716, 29.0508, 33.5536



30.0990, 29.0508, 33.4850

Square

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



25.2716, 29.0508, 33.5536



28.2752, 29.0508, 39.0468



30.0924, 29.0508, 29.7840



26.9591, 29.0508, 25.2198

Rectangle

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



25.2716, 29.0508, 33.5536



26.5802, 29.0508, 38.5846



30.0924, 29.0508, 29.7840



28.6700, 29.0508, 25.5681

Sweetspot

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



25.2724, 29.0520, 33.5543



50.1605, 54.1287, 60.0202



23.5867, 28.4006, 23.6413



11.3309, 12.2669, 13.6323



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.



25.2724, 29.0520, 33.5543



43.1889, 50.5500, 59.0039



23.4820, 25.3403, 33.3607



6.3747, 7.0226, 7.8965



13.7910, 20.5799, 26.1839



0.2088, 0.3087, 0.4054

Inverse Universe

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



24.0494, 22.8498, 22.8828



40.6525, 37.6865, 36.8719



25.6186, 26.0911, 23.0884



6.2176, 6.2262, 6.5261



10.8859, 5.6086, 0.6583



0.1649, 0.0847, 0.0212

Previews

White Background



This preview shows how the XYZ color 25.2716, 29.0508, 33.5536 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 25.2716, 29.0508, 33.5536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

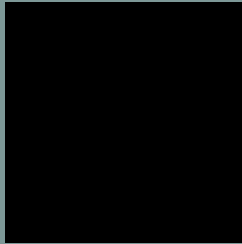
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.2716, 29.0508, 33.5536

Background



This preview shows how black text looks on a background with the XYZ color 25.2716, 29.0508, 33.5536.



This preview shows how white text looks on a background with the XYZ color 25.2716, 29.0508,

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

25.2716, 29.0508, 33.5536

Protanopia

27.9398, 29.0539, 31.7391

Deuteranopia

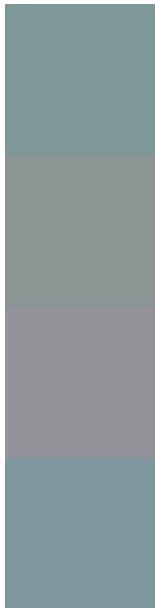
29.5233, 28.9150, 34.1621



Tritanopia

26.1803, 28.9334, 38.3873

Trichromacy



Original Color

25.2716, 29.0508, 33.5536

Protanomaly

26.7504, 28.8934, 32.1841

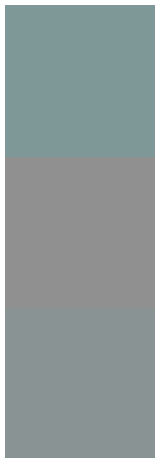
Deuteranomaly

27.8004, 28.9358, 33.8257

Tritanomaly

25.8423, 29.0375, 36.5905

Monochromacy



Original Color

25.2716, 29.0508, 33.5536

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0167, 28.2924, 31.6935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2716, 29.0508, 33.5536 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(125, 152, 151)` looks like.

```
.text, #text, p{  
    color:rgb(125, 152, 151)  
}
```

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(125, 152, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 152, 151) }
```

Border

The CSS property to change the border of an element to XYZ 25.2716, 29.0508, 33.5536 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(125, 152, 151) }
```


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

```
.border{ border-color:rgb(125, 152, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 152, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 152, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 152, 151);  
box-shadow:4px 4px 4px 4px rgb(125, 152,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2716, 29.0508, 33.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 152, 151) }
```

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

```
.background{ background-color: rgb(125,  
152, 151) }
```

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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