

Converting Colors

XYZ(25.8852, 29.3573, 28.1048)

Have a look what the booklet for
XYZ(25.8852, 29.3573, 28.1048)
contains.

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Color

**XYZ(25.7353, 29.1736,
27.9416)**

Conversions

Conversions Part 1

Format	Color
Hex	889789
RGB	136, 151, 137
RGB Percent	53%, 59%, 54%
CMY	0.4667, 0.4078, 0.4627
CMYK	0.10, 0.00, 0.09, 0.41
HSL	124°, 7%, 56%
HSV	124°, 10%, 59%
XYZ	25.7353, 29.1736, 27.9416
YIQ	144.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

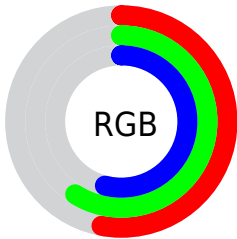
Format	Color
R_{YB}	136, 150, 151
Decimal	8951689
CIE Lab	60.93, -8.14, 5.55
CIE LCh	61, 9.857, 145.723
Yxy	29.1736, 0.3106, 0.3521
Android (android.graphics.Color)	4287141769 (0xFF889789)
YUV	144.9190, -3.9041, -7.8220
Hunter-Lab	54.0126, -9.4724, 7.1371

Details

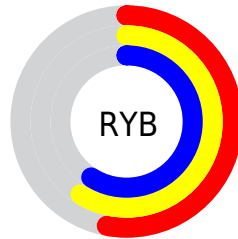
The XYZ color **25.7353, 29.1736, 27.9416** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0727, 26.3903, 32.5225**, and the grayscale version is **26.8981, 28.2988, 30.8174**.

A 20% lighter version of the original color is **52.1119, 58.1992, 57.2022**, and **10.1152, 11.7809, 10.7576** is the 20% darker color. If you saturate the color by 10%, you get **22.5078, 27.6199, 22.8535**, and if you desaturate by 10%, it is **29.4421, 30.9608, 33.7428**.

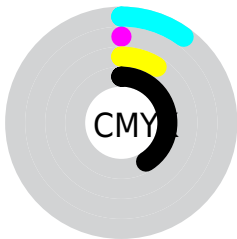
Distribution



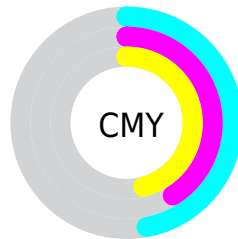
- Red (53%)
- Green (59%)
- Blue (54%)



- Red (53%)
- Yellow (59%)
- Blue (59%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7353, 29.1736, 27.9416 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 25.7353, 29.1736, 27.9416 by changing the saturation by 10% instead.

■ 25.7353, 29.1736,
27.9416

■ 25.7353, 29.1736,
27.9416

273.7608,
298.0332, 306.0909

■ 16.7574, 19.2122,
18.0430

■ 52.2820, 58.3528,
57.4132

■ 10.1559, 11.8237,
10.8111

■ 70.5814, 78.3394,
77.8232

■ 5.5655, 6.6237,
5.8274

■ 92.7187, 102.4364,
102.5741

■ 2.6208, 3.2279,
2.6733

119.0592,
131.0284, 132.0845

■ 0.9566, 1.2519,
0.9300

149.9684,
164.4997, 166.7728

■ 0.0000, 0.1035,
0.0000

185.8115,

■ 0.0000, 0.0000,

203.2346, 207.0576

0.0000

226.9538,
247.6177, 253.3575

■ 25.7353, 29.1736,
27.9416

■ 25.7353, 29.1736,
27.9416

■ 22.5078, 27.6199,
22.8535

■ 29.4421, 30.9608,
33.7428

■ 19.7376, 26.2864,
18.4491

■ 33.6440, 32.9866,
40.2810

■ 17.4049, 25.1644,
14.6999


■ 38.3593, 35.2607,
47.5816


■ 15.4872, 24.2430,
11.5746


■ 43.6045, 37.7912,
55.6680

■ 13.9601, 23.5103,
9.0393


■ 49.3953, 40.5855,
64.5627


 12.7968, 22.9533,
7.0570


 55.7468, 43.6512,
74.2873


 11.9668, 22.5571,
5.5864

 62.6737, 46.9953,
84.8625

 11.4349, 22.3046,
4.5806

 69.5232, 50.2808,
96.2772

 11.1241, 22.1573,
3.9822

 70.3572, 50.6144,
100.6691

Harmonies

Analogous

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



26.6693, 29.1736, 25.8032



25.7353, 29.1736, 27.9416



25.3354, 29.1736, 31.2399

Triad

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



25.7353, 29.1736, 27.9416



27.5446, 29.1736, 39.3627



30.0163, 29.1736, 28.7898

Complementary

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



25.7353, 29.1736, 27.9416



27.0727, 26.3903, 32.5225

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.



30.2681, 29.1736, 32.2961



25.7353, 29.1736, 27.9416



28.8157, 29.1736, 38.5811

Square

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



25.7353, 29.1736, 27.9416



26.3593, 29.1736, 37.9830



29.8223, 29.1736, 35.9224



29.1446, 29.1736, 26.2657

Rectangle

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



25.7353, 29.1736, 27.9416



25.4161, 29.1736, 33.7229



29.8223, 29.1736, 35.9224



30.1774, 29.1736, 29.8846

Sweetspot

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



25.7361, 29.1748, 27.9422



50.5569, 54.3994, 57.0405



28.0895, 30.3963, 27.6795



11.3723, 12.3071, 12.7791



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.



25.7361, 29.1748, 27.9422



44.6807, 51.5680, 47.8269



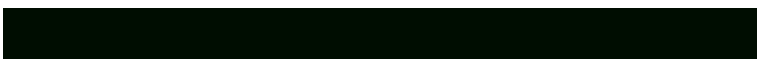
26.2932, 29.3977, 30.8758



6.1480, 6.9319, 6.7030



9.4659, 18.8498, 3.4080



0.1454, 0.2834, 0.0714

Inverse Universe

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



27.0727, 26.3903, 32.5225



47.5844, 45.5188, 57.7768



26.4877, 26.1563, 29.4419



6.4434, 6.3165, 7.7152



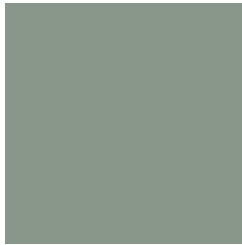
14.9472, 7.2331, 22.0450



0.2281, 0.1100, 0.3538

Previews

White Background



This preview shows how the XYZ color 25.7353, 29.1736, 27.9416 looks on a white background.

Color Contrast Check

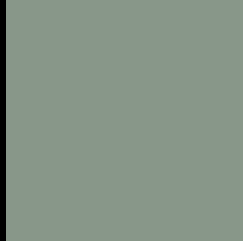
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7353, 29.1736, 27.9416 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

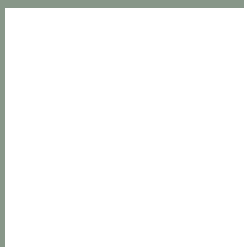
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7353, 29.1736, 27.9416

Background



This preview shows how black text looks on a background with the XYZ color 25.7353, 29.1736, 27.9416.

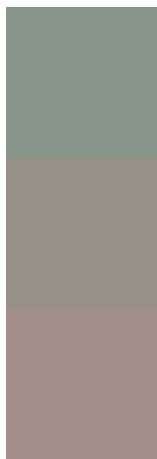


This preview shows how white text looks on a background with the XYZ color 25.7353, 29.1736,

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

25.7353, 29.1736, 27.9416

Protanopia

27.5309, 28.9544, 26.6920

Deuteranopia

29.6430, 29.1026, 28.4811



Tritanopia

27.6631, 29.2585, 36.9903

Trichromacy



Original Color

25.7353, 29.1736, 27.9416

Protanomaly

26.8171, 29.0401, 27.1135

Deuteranomaly

28.0393, 28.9558, 28.1560

Tritanomaly

26.9808, 29.2182, 33.4958

Monochromacy



Original Color

25.7353, 29.1736, 27.9416

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4715, 28.5712, 29.7108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7353, 29.1736, 27.9416 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(136, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(136, 151, 137)  
}
```

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(136, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 151, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.7353, 29.1736, 27.9416 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(136, 151, 137) }
```


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

```
.border{ border-color:rgb(136, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(136, 151,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7353, 29.1736, 27.9416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 151, 137) }
```

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

```
.background{ background-color: rgb(136,  
151, 137) }
```

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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