

Converting Colors

XYZ(17.9912, 25.6579, 27.0073)

Have a look what the booklet for
XYZ(17.9912, 25.6579, 27.0073)
contains.

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Color

**XYZ(18.0112, 25.6900,
26.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	429987
RGB	66, 153, 135
RGB Percent	26%, 60%, 53%
CMY	0.7412, 0.4000, 0.4706
CMYK	0.57, 0.00, 0.12, 0.40
HSL	168°, 40%, 43%
HSV	168°, 57%, 60%
XYZ	18.0112, 25.6900, 26.9310
YIQ	124.9350, -46.0740, -24.0420

Conversions

Conversions Part 2

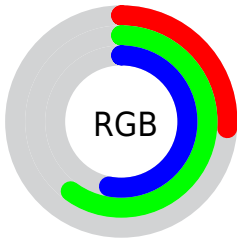
Format	Color
RYB	66, 115, 153
Decimal	4364679
CIELab	57.74, -30.66, 1.60
CIELCh	58, 30.702, 177.018
Yxy	25.6900, 0.2550, 0.3637
Android (android.graphics.Color)	4282554759 (0xFF429987)
YUV	124.9350, 4.9620, -51.6860
Hunter-Lab	50.6853, -25.2687, 3.9767

Details

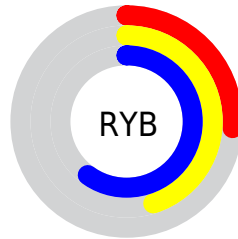
The XYZ color **18.0112, 25.6900, 26.9310** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.6862, 11.3096, 9.6921**, and the grayscale version is **19.4668, 20.4805, 22.3033**.

A 20% lighter version of the original color is **39.6590, 52.8802, 55.6936**, and **6.2934, 9.9632, 10.1857** is the 20% darker color. If you saturate the color by 10%, you get **16.8956, 25.1409, 25.7329**, and if you desaturate by 10%, it is **19.4107, 26.3859, 28.1781**.

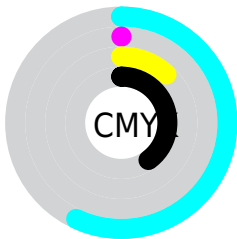
Distribution



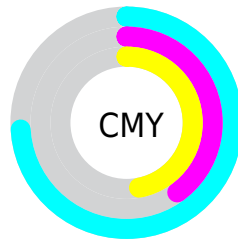
- Red (26%)
- Green (60%)
- Blue (53%)



- Red (26%)
- Yellow (45%)
- Blue (60%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (74%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0112, 25.6900, 26.9310 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 18.0112, 25.6900, 26.9310 by changing the saturation by 10% instead.

■ 18.0112, 25.6900,
26.9310

■ 18.0112, 25.6900,
26.9310

233.9785,
281.2570, 301.0725

■ 11.0578, 16.5919,
17.2894

■ 39.5863, 52.7744,
55.7755

■ 6.1733, 9.9439,
10.2769

■ 54.9388, 71.5295,
75.8155

■ 2.9924, 5.3618,
5.4750

■ 73.8215, 94.2723,
100.1588

■ 1.1497, 2.4611,
2.4650

■ 96.6001, 121.3874,
129.2238

■ 0.0661, 0.8570,
0.8215

■ 123.6397,
153.2589, 163.4292

■ 0.0000, 0.0000,
0.0000

155.3057,

190.2715, 203.1934

191.9635,
232.8093, 248.9350

■ 18.0112, 25.6900,
26.9310

■ 18.0112, 25.6900,
26.9310

■ 16.8956, 25.1409,
25.7329

■ 19.4107, 26.3859,
28.1781

■ 16.0391, 24.7239,
24.5807

■ 21.1119, 27.2360,
29.4737

■ 15.4162, 24.4267,
23.4734

■ 23.1339, 28.2507,
30.8195

■ 14.9856, 24.2278,
22.4088

■ 25.4934, 29.4386,
32.2166

■ 14.8640, 24.1723,
22.0822

■ 28.2060, 30.8077,
33.6659

■ 31.2864, 32.3657,
35.1685

■ 34.7483, 34.1195,
36.7253

■ 38.6047, 36.0759,
38.3371

■ 42.8682, 38.2413,
40.0048

Harmonies

Analogous

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



18.9502, 25.6900, 18.3273



18.0112, 25.6900, 26.9310



18.6410, 25.6900, 38.2241

Triad

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



18.0112, 25.6900, 26.9310



27.7749, 25.6900, 50.1867



28.4755, 25.6900, 14.1844

Complementary

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



18.0112, 25.6900, 26.9310



16.6862, 11.3096, 9.6921

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.



31.2790, 25.6900, 19.7396



18.0112, 25.6900, 26.9310



30.8468, 25.6900, 40.5171

Square

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



18.0112, 25.6900, 26.9310



24.0513, 25.6900, 53.4811



32.1872, 25.6900, 29.0396



24.7875, 25.6900, 12.2232

Rectangle

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



18.0112, 25.6900, 26.9310



19.9043, 25.6900, 45.5697



32.1872, 25.6900, 29.0396



29.5662, 25.6900, 15.6122

Sweetspot

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



18.0119, 25.6910, 26.9316



45.4393, 52.6110, 57.5732



16.1082, 25.1012, 9.1508



9.8566, 11.5279, 12.6120



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.



18.0119, 25.6910, 26.9316



29.8344, 44.8161, 45.5631



15.7623, 18.9890, 32.9726



6.3298, 7.0046, 7.6602



12.2966, 19.9821, 18.3142



0.1961, 0.3037, 0.3386

Inverse Universe

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



16.6862, 11.3096, 9.6921



27.2561, 16.5220, 11.7940



17.8324, 14.5890, 7.0309



6.2585, 6.2426, 6.7413



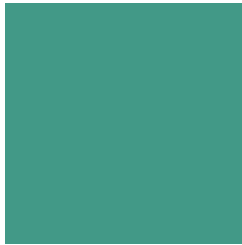
11.0794, 5.6860, 1.6773



0.1768, 0.0895, 0.0837

Previews

White Background



This preview shows how the XYZ color 18.0112, 25.6900, 26.9310 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 18.0112, 25.6900, 26.9310 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 18.0112, 25.6900, 26.9310

Background



This preview shows how black text looks on a background with the XYZ color 18.0112, 25.6900, 26.9310.

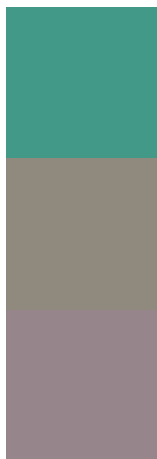


This preview shows how white text looks on a background with the XYZ color 18.0112, 25.6900,

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

18.0112, 25.6900, 26.9310

Protanopia

24.0392, 25.2373, 23.3429

Deuteranopia

25.7630, 25.3983, 27.9706



Tritanopia

20.0821, 25.5640, 37.5941

Trichromacy



Original Color

18.0112, 25.6900, 26.9310

Protanomaly

20.8551, 24.8747, 24.4710

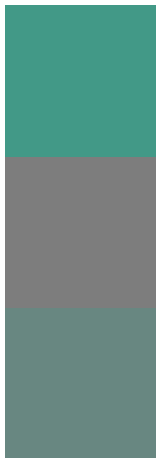
Deuteranomaly

21.7201, 24.8067, 27.6882

Tritanomaly

19.2463, 25.4574, 33.6051

Monochromacy



Original Color

18.0112, 25.6900, 26.9310

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3353, 21.8560, 24.0211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0112, 25.6900, 26.9310 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(66, 153, 135)` looks like.

```
.text, #text, p{  
  color:rgb(66, 153, 135)  
}
```

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(66, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 153, 135) }
```

Border

The CSS property to change the border of an element to XYZ 18.0112, 25.6900, 26.9310 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(66, 153, 135) }
```


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

```
.border{ border-color:rgb(66, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(66, 153,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0112, 25.6900, 26.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 153, 135) }
```

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

```
.background{ background-color: rgb(66, 153,  
135) }
```

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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