

Converting Colors

XYZ(18.8694, 26.0326, 16.0270)

Have a look what the booklet for
XYZ(18.8694, 26.0326, 16.0270)
contains.

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Color

**XYZ(18.8953, 26.1433,
16.1069)**

Conversions

Conversions Part 1

Format	Color
Hex	659864
RGB	101, 152, 100
RGB Percent	40%, 60%, 39%
CMY	0.6039, 0.4039, 0.6078
CMYK	0.34, 0.00, 0.34, 0.40
HSL	119°, 21%, 49%
HSV	119°, 34%, 60%
XYZ	18.8953, 26.1433, 16.1069
YIQ	130.8230, -13.7040, -26.9840

Conversions

Conversions Part 2

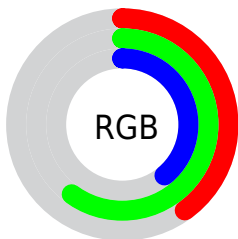
Format	Color
RYB	100, 152, 151
Decimal	6658148
CIELab	58.17, -27.89, 22.11
CIELCh	58, 35.594, 141.599
Yxy	26.1433, 0.3090, 0.4276
Android (android.graphics.Color)	4284848228 (0xFF659864)
YUV	130.8230, -15.1957, -26.1548
Hunter-Lab	51.1305, -23.5137, 17.1141

Details

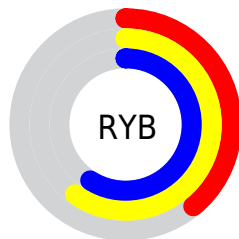
The XYZ color **18.8953, 26.1433, 16.1069** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9885, 17.9615, 31.9625**, and the grayscale version is **21.5668, 22.6899, 24.7093**.

A 20% lighter version of the original color is **41.2252, 53.7300, 37.4763**, and **6.6615, 10.2682, 4.9990** is the 20% darker color. If you saturate the color by 10%, you get **16.7068, 25.0931, 12.5159**, and if you desaturate by 10%, it is **21.5253, 27.4068, 20.4362**.

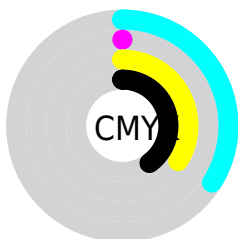
Distribution



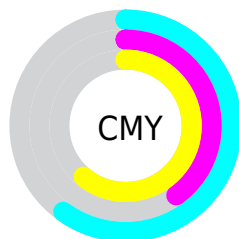
- Red (40%)
- Green (60%)
- Blue (39%)



- Red (39%)
- Yellow (60%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8953, 26.1433, 16.1069 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 18.8953, 26.1433, 16.1069 by changing the saturation by 10% instead.

■ 18.8953, 26.1433,
16.1069

■ 18.8953, 26.1433,
16.1069

238.8194,
283.4848, 241.8389

■ 11.6982, 16.9309,
9.4447

■ 41.0753, 53.5060,
37.5531

■ 6.6093, 10.1852,
4.9316

■ 56.7890, 72.4251,
53.1741

■ 3.2631, 5.5219,
2.1491

■ 76.0722, 95.3486,
72.6184

■ 1.2944, 2.5566,
0.6448

■ 99.2904, 122.6608,
96.3046

■ 0.1790, 0.9049,
0.0000

126.8088,
154.7461, 124.6512

■ 0.0000, 0.0000,
0.0000

158.9929,

191.9889, 158.0768

196.2080,
234.7737, 196.9998

■ 18.8953, 26.1433,
16.1069

■ 18.8953, 26.1433,
16.1069

■ 16.7068, 25.0931,
12.5159

■ 21.5253, 27.4068,
20.4362

■ 14.9337, 24.2413,
9.6205

■ 24.6169, 28.8908,
25.5400

■ 13.5504, 23.5764,
7.3761


■ 28.1916, 30.6064,
31.4542


■ 12.5275, 23.0844,
5.7324


■ 32.2687, 32.5629,
38.2117


■ 11.8314, 22.7492,
4.6316


■ 36.8668, 34.7691,
45.8441


 11.4224, 22.5518,
4.0036

 42.0032, 37.2334,
54.3808

 11.2653, 22.4764,
3.7446

 47.6946, 39.9638,
63.8502

 53.9570, 42.9678,
74.2793

 60.8055, 46.2528,
85.6941

Harmonies

Analogous

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



21.9168, 26.1433, 11.5917



18.8953, 26.1433, 16.1069



17.5092, 26.1433, 25.1324

Triad

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



18.8953, 26.1433, 16.1069



23.6555, 26.1433, 59.0481



33.3914, 26.1433, 20.5819

Complementary

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



18.8953, 26.1433, 16.1069



22.9885, 17.9615, 31.9625

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.



33.9962, 26.1433, 32.0812



18.8953, 26.1433, 16.1069



28.0304, 26.1433, 56.7779

Square

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



18.8953, 26.1433, 16.1069



20.0415, 26.1433, 51.4514



31.9365, 26.1433, 45.9294



30.3684, 26.1433, 13.6060

Rectangle

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



18.8953, 26.1433, 16.1069



17.5729, 26.1433, 33.5171



31.9365, 26.1433, 45.9294



33.8972, 26.1433, 23.9490

Sweetspot

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



18.8960, 26.1444, 16.1075



45.8788, 52.1588, 49.0958



26.1993, 29.4948, 16.3692



10.2465, 11.7681, 10.8592



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.



18.8960, 26.1444, 16.1075



30.3514, 44.7045, 23.5054



20.1396, 26.6290, 23.2366



6.1426, 6.9310, 6.6199



9.4484, 18.8467, 3.1398



0.1438, 0.2831, 0.0471

Inverse Universe

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



22.9885, 17.9615, 31.9625



38.6865, 28.0329, 55.8056



21.3858, 17.3420, 22.5512



6.4495, 6.3176, 7.8085



15.1601, 7.2664, 25.5112



0.2298, 0.1103, 0.3815

Previews

White Background



This preview shows how the XYZ color 18.8953, 26.1433, 16.1069 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 18.8953, 26.1433, 16.1069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

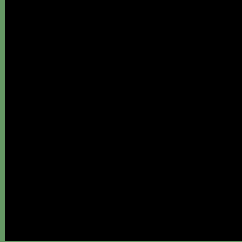
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.8953, 26.1433, 16.1069

Background



This preview shows how black text looks on a background with the XYZ color 18.8953, 26.1433, 16.1069.



This preview shows how white text looks on a background with the XYZ color 18.8953, 26.1433,

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

18.8953, 26.1433, 16.1069

Protanopia

24.0607, 25.8708, 14.5519

Deuteranopia

26.3336, 25.9422, 16.7161



Tritanopia

22.8933, 26.1299, 35.7353

Trichromacy



Original Color

18.8953, 26.1433, 16.1069

Protanomaly

21.8038, 25.7961, 15.1392

Deuteranomaly

22.9576, 25.6917, 16.5810

Tritanomaly

21.2182, 26.1455, 27.2208

Monochromacy



Original Color

18.8953, 26.1433, 16.1069

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.3685, 23.8144, 21.2924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8953, 26.1433, 16.1069 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(101, 152, 100)` looks like.

```
.text, #text, p{  
    color:rgb(101, 152, 100)  
}
```

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(101, 152, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 152, 100) }
```

Border

The CSS property to change the border of an element to XYZ 18.8953, 26.1433, 16.1069 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(101, 152, 100) }
```


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

```
.border{ border-color:rgb(101, 152, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 152, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 152, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 152, 100);  
box-shadow:4px 4px 4px 4px rgb(101, 152,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8953, 26.1433, 16.1069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 152, 100) }
```

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

```
.background{ background-color: rgb(101,  
152, 100) }
```

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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