

Converting Colors

XYZ(18.6071, 26.9321, 18.9224)

Have a look what the booklet for
XYZ(18.6071, 26.9321, 18.9224)
contains.

XYZ(18.6334, 26.9290, 18.9676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.6334, 26.9290,
18.9676)**

Conversions

Conversions Part 1

Format	Color
Hex	579C6E
RGB	87, 156, 110
RGB Percent	34%, 61%, 43%
CMY	0.6588, 0.3882, 0.5686
CMYK	0.44, 0.00, 0.29, 0.39
HSL	140°, 28%, 48%
HSV	140°, 44%, 61%
XYZ	18.6334, 26.9290, 18.9676
YIQ	130.1250, -26.3580, -28.9340

Conversions

Conversions Part 2

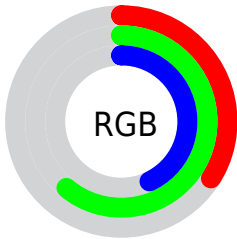
Format	Color
RYB	87, 139, 156
Decimal	5741678
CIELab	58.91, -32.42, 17.45
CIELCh	59, 36.820, 151.704
Yxy	26.9290, 0.2888, 0.4173
Android (android.graphics.Color)	4283931758 (0xFF579C6E)
YUV	130.1250, -9.9216, -37.8206
Hunter-Lab	51.8932, -26.7186, 14.6540

Details

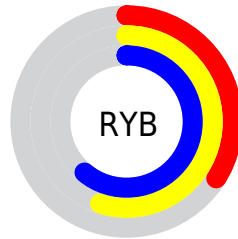
The XYZ color **18.6334, 26.9290, 18.9676** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.3530, 15.5783, 24.0726**, and the grayscale version is **21.3036, 22.4130, 24.4078**.

A 20% lighter version of the original color is **40.6311, 54.7726, 42.6131**, and **6.4795, 10.5885, 6.2597** is the 20% darker color. If you saturate the color by 10%, you get **16.7980, 26.0452, 16.0976**, and if you desaturate by 10%, it is **20.8515, 28.0039, 22.2037**.

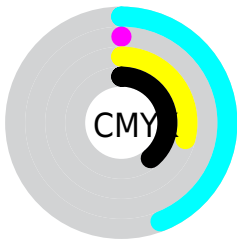
Distribution



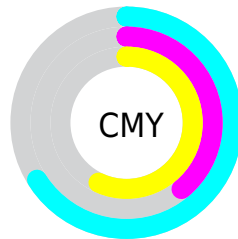
- Red (34%)
- Green (61%)
- Blue (43%)



- Red (34%)
- Yellow (55%)
- Blue (61%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (39%)



- Cyan (66%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6334, 26.9290, 18.9676 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 18.6334, 26.9290, 18.9676 by changing the saturation by 10% instead.

■ 18.6334, 26.9290,
18.9676

■ 18.6334, 26.9290,
18.9676

237.3945,
287.3132, 258.6866

■ 11.5081, 17.5199,
11.4703

■ 40.6354, 54.7699,
42.5153

■ 6.4795, 10.6059,
6.2660

■ 56.2428, 73.9705,
59.4028

■ 3.1822, 5.8025,
2.9361

■ 75.4083, 97.2038,
80.2574

■ 1.2508, 2.7253,
1.0621

■ 98.4972, 124.8540,
105.4977

■ 0.1459, 0.9901,
0.0000

125.8750,
157.3057, 135.5423

■ 0.0000, 0.0000,
0.0000

157.9069,

194.9432, 170.8096

194.9583,
238.1509, 211.7182

■ 18.6334, 26.9290,
18.9676

■ 18.6334, 26.9290,
18.9676

■ 16.7980, 26.0452,
16.0976

■ 20.8515, 28.0039,
22.2037

■ 15.3204, 25.3377,
13.5787

■ 23.4709, 29.2770,
25.8164

■ 14.1759, 24.7948,
11.3979


■ 26.5117, 30.7592,
29.8180


■ 13.3358, 24.4019,
9.5404


■ 29.9919, 32.4594,
34.2199


■ 12.7654, 24.1416,
7.9900


■ 33.9283, 34.3863,
39.0326

 12.5089, 24.0260,
7.2271

 38.3371, 36.5479,
44.2667

 43.2335, 38.9517,
49.9321

 48.6320, 41.6052,
56.0384

 54.5466, 44.5152,
62.5950

Harmonies

Analogous

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



21.2638, 26.9290, 12.7421



18.6334, 26.9290, 18.9676



17.8024, 26.9290, 30.0729

Triad

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



18.6334, 26.9290, 18.9676



25.8564, 26.9290, 62.2093



33.7911, 26.9290, 18.0181

Complementary

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



18.6334, 26.9290, 18.9676



21.3530, 15.5783, 24.0726

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.



35.3833, 26.9290, 28.5819



18.6334, 26.9290, 18.9676



30.4782, 26.9290, 56.2500

Square

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



18.6334, 26.9290, 18.9676



21.6647, 26.9290, 57.4089



34.1054, 26.9290, 42.8877



29.9745, 26.9290, 12.3192

Rectangle

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



18.6334, 26.9290, 18.9676



18.2911, 26.9290, 39.6070



34.1054, 26.9290, 42.8877



34.6233, 26.9290, 20.9906

Sweetspot

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



18.6341, 26.9301, 18.9682



48.7309, 56.1481, 54.9022



23.2826, 29.4529, 13.4748



10.4532, 12.2234, 11.7331



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.6341, 26.9301, 18.9682



30.5635, 47.3298, 29.3258



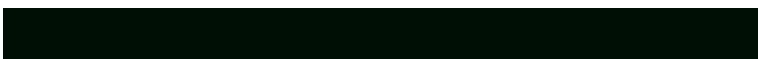
20.8921, 27.8333, 30.8587



6.6374, 7.4357, 7.5252



10.3177, 19.7950, 6.0303



0.2030, 0.3614, 0.2055

Inverse Universe

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



21.3530, 15.5783, 24.0726



36.1379, 24.0069, 39.7553



19.3475, 14.7761, 13.5120



6.8101, 6.7169, 7.8509



13.3678, 6.6517, 11.4535



0.2578, 0.1264, 0.3037

Previews

White Background



This preview shows how the XYZ color 18.6334, 26.9290, 18.9676 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 18.6334, 26.9290, 18.9676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

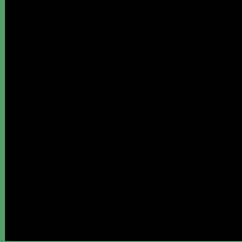
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6334, 26.9290, 18.9676

Background



This preview shows how black text looks on a background with the XYZ color 18.6334, 26.9290, 18.9676.



This preview shows how white text looks on a background with the XYZ color 18.6334, 26.9290,

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

18.6334, 26.9290, 18.9676

Protanopia

24.7356, 26.6083, 16.6642

Deuteranopia

27.0111, 26.4354, 19.5985



Tritanopia

22.3261, 26.7208, 37.6991

Trichromacy



Original Color

18.6334, 26.9290, 18.9676

Protanomaly

21.7825, 26.1876, 17.5423

Deuteranomaly

22.9564, 26.0714, 19.4451

Tritanomaly

20.8300, 26.8424, 29.6744

Monochromacy



Original Color

18.6334, 26.9290, 18.9676

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

19.7472, 23.4727, 22.2288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6334, 26.9290, 18.9676 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(87, 156, 110)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 110)  
}
```

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(87, 156, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.6334, 26.9290, 18.9676 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(87, 156, 110) }
```


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

```
.border{ border-color:rgb(87, 156, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 110);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6334, 26.9290, 18.9676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 110) }
```

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

```
.background{ background-color: rgb(87, 156,  
110) }
```

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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