

Converting Colors

XYZ(17.0676, 26.8318, 9.6847)

Have a look what the booklet for
XYZ(17.0676, 26.8318, 9.6847)
contains.

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Color

**XYZ(17.1080, 26.8495,
9.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	569E44
RGB	86, 158, 68
RGB Percent	34%, 62%, 27%
CMY	0.6627, 0.3804, 0.7333
CMYK	0.46, 0.00, 0.57, 0.38
HSL	108°, 40%, 44%
HSV	108°, 57%, 62%
XYZ	17.1080, 26.8495, 9.7496
YIQ	126.2120, -14.0220, -43.2540

Conversions

Conversions Part 2

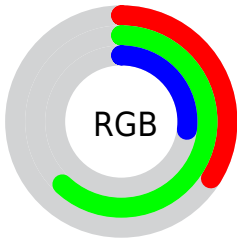
Format	Color
RYB	68, 158, 140
Decimal	5676612
CIELab	58.83, -40.26, 39.55
CIELCh	59, 56.433, 135.507
Yxy	26.8495, 0.3185, 0.4999
Android (android.graphics.Color)	4283866692 (0xFF569E44)
YUV	126.2120, -28.6985, -35.2659
Hunter-Lab	51.8165, -31.7444, 25.1158

Details

The XYZ color **17.1080, 26.8495, 9.7496** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **19.0552, 12.1792, 33.6957**, and the grayscale version is **20.0021, 21.0437, 22.9166**.

A 20% lighter version of the original color is **37.9392, 54.4959, 25.9719**, and **5.7619, 10.6097, 2.2745** is the 20% darker color. If you saturate the color by 10%, you get **15.6268, 26.1351, 7.4937**, and if you desaturate by 10%, it is **18.9264, 27.7243, 12.7008**.

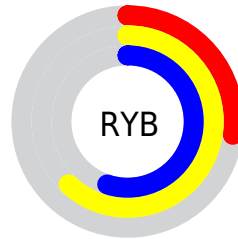
Distribution



Red (34%)

Green (62%)

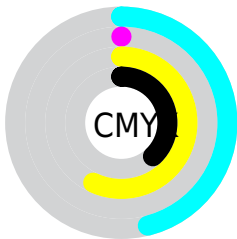
Blue (27%)



Red (27%)

Yellow (62%)

Blue (55%)

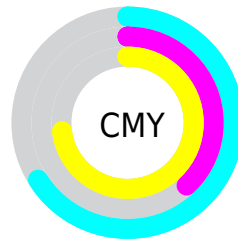


Cyan (46%)

Magenta (0%)

Yellow (57%)

Black (38%)



Cyan (66%)

Magenta (38%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1080, 26.8495, 9.7496 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 17.1080, 26.8495, 9.7496 by changing the saturation by 10% instead.

■ 17.1080, 26.8495,
9.7496

■ 17.1080, 26.8495,
9.7496

228.9381,
286.9277, 199.2949

■ 10.4073, 17.4602,
5.1298

■ 38.0535, 54.6423,
25.9239

■ 5.7342, 10.5632,
2.2636

■ 53.0290, 73.8146,
38.3154

■ 2.7232, 5.7739,
0.7107

■ 71.4935, 97.0166,
54.1347

■ 1.0092, 2.7081,
0.0000

■ 93.8123, 124.6329,
73.8001

■ 0.0000, 0.9813,
0.0000

■ 120.3508,
157.0477, 97.7303

■ 0.0000, 0.0000,
0.0000

151.4744,

194.6455, 126.3438

187.5484,
237.8107, 160.0592

■ 17.1080, 26.8495,
9.7496

■ 17.1080, 26.8495,
9.7496

■ 15.6268, 26.1351,
7.4937

■ 18.9264, 27.7243,
12.7008

■ 14.4592, 25.5679,
5.8744

■ 21.0995, 28.7650,
16.3962

■ 13.5817, 25.1378,
4.8265

■ 23.6461, 29.9812,
20.8823

■ 12.9618, 24.8304,
4.2475

■ 26.5830, 31.3805,
26.2011

■ 12.8106, 24.7555,
4.1031

■ 29.9258, 32.9702,
32.3920

■ 33.6894, 34.7572,
39.4917

■ 37.8879, 36.7480,
47.5346

■ 42.5348, 38.9487,
56.5537

■ 47.6428, 41.3654,
66.5802

Harmonies

Analogous

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



22.1036, 26.8495, 5.6611



17.1080, 26.8495, 9.7496



14.6243, 26.8495, 20.6469

Triad

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



17.1080, 26.8495, 9.7496



22.3122, 26.8495, 84.3201



40.7243, 26.8495, 20.1316

Complementary

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



17.1080, 26.8495, 9.7496



19.0552, 12.1792, 33.6957

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.



40.8080, 26.8495, 39.9239



17.1080, 26.8495, 9.7496



29.2707, 26.8495, 83.9648

Square

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



17.1080, 26.8495, 9.7496



17.2366, 26.8495, 66.0227



36.3160, 26.8495, 65.2004



36.1045, 26.8495, 9.5207

Rectangle

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



17.1080, 26.8495, 9.7496



14.3743, 26.8495, 33.0722



36.3160, 26.8495, 65.2004



41.3084, 26.8495, 25.7058

Sweetspot

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



17.1087, 26.8506, 9.7502



48.0618, 56.8841, 47.1932



24.5232, 26.4439, 9.2809



10.5996, 12.7122, 10.2088



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1087, 26.8506, 9.7502



27.8251, 47.1918, 12.8115



16.6771, 26.5101, 15.0651



6.6685, 7.4618, 7.0745



10.2867, 19.8397, 3.2873



0.2134, 0.3699, 0.0602

Inverse Universe

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



19.0552, 12.1792, 33.6957



31.6278, 17.9105, 60.5335



20.2654, 13.0427, 22.9232



6.7741, 6.6876, 8.3405



11.9139, 5.5709, 26.3546



0.2434, 0.1153, 0.4726

Previews

White Background



This preview shows how the XYZ color 17.1080, 26.8495, 9.7496 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 17.1080, 26.8495, 9.7496 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 17.1080, 26.8495, 9.7496

Background



This preview shows how black text looks on a background with the XYZ color 17.1080, 26.8495, 9.7496.



This preview shows how white text looks on a background with the XYZ color 17.1080, 26.8495,

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

17.1080, 26.8495, 9.7496

Protanopia

24.1324, 26.4766, 8.5412

Deuteranopia

27.0287, 26.4424, 10.3359



Tritanopia

22.5286, 26.6014, 37.2049

Trichromacy



Original Color

17.1080, 26.8495, 9.7496

Protanomaly

20.7479, 26.0744, 8.9404

Deuteranomaly

21.9767, 25.7755, 9.9478

Tritanomaly

19.9888, 26.5302, 24.1460

Monochromacy



Original Color

17.1080, 26.8495, 9.7496

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.1938, 22.5764, 16.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1080, 26.8495, 9.7496 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(86, 158, 68)` looks like.

```
.text, #text, p{  
    color:rgb(86, 158, 68)  
}
```

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(86, 158, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 158, 68) }
```

Border

The CSS property to change the border of an element to XYZ 17.1080, 26.8495, 9.7496 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(86, 158, 68) }
```


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

```
.border{ border-color:rgb(86, 158, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 158, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 158, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 158, 68);  
box-shadow:4px 4px 4px 4px rgb(86, 158,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1080, 26.8495, 9.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 158, 68) }
```

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

```
.background{ background-color: rgb(86, 158,  
68) }
```

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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