

Converting Colors

XYZ(17.2753, 26.5495, 14.2655)

Have a look what the booklet for
XYZ(17.2753, 26.5495, 14.2655)
contains.

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Color

**XYZ(17.2970, 26.5921,
14.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	509D5C
RGB	80, 157, 92
RGB Percent	31%, 62%, 36%
CMY	0.6863, 0.3843, 0.6392
CMYK	0.49, 0.00, 0.41, 0.38
HSL	129°, 32%, 46%
HSV	129°, 49%, 62%
XYZ	17.2970, 26.5921, 14.3464
YIQ	126.5670, -25.0270, -36.5390

Conversions

Conversions Part 2

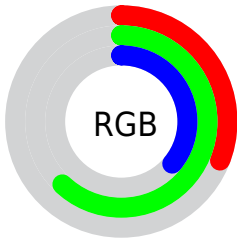
Format	Color
R _{YB}	80, 147, 157
Decimal	5283164
CIE Lab	58.59, -38.19, 26.84
CIE LCh	59, 46.675, 144.896
Yxy	26.5921, 0.2970, 0.4566
Android (android.graphics.Color)	4283473244 (0xFF509D5C)
YUV	126.5670, -17.0415, -40.8393
Hunter-Lab	51.5675, -30.3699, 19.6024

Details

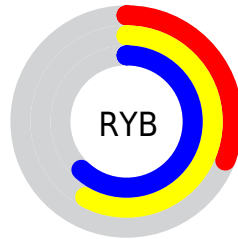
The XYZ color **17.2970, 26.5921, 14.3464** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.8849, 14.9502, 28.5210**, and the grayscale version is **20.0876, 21.1337, 23.0146**.

A 20% lighter version of the original color is **38.3329, 54.1385, 34.4160**, and **5.8561, 10.4632, 4.1936** is the 20% darker color. If you saturate the color by 10%, you get **15.5936, 25.7759, 11.5026**, and if you desaturate by 10%, it is **19.4129, 27.6108, 17.7398**.

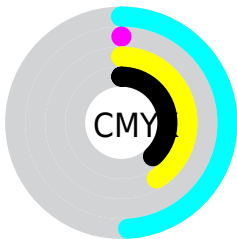
Distribution



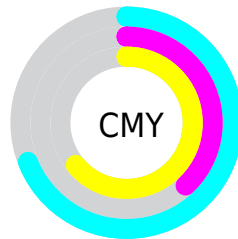
- Red (31%)
- Green (62%)
- Blue (36%)



- Red (31%)
- Yellow (58%)
- Blue (62%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2970, 26.5921, 14.3464 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 17.2970, 26.5921, 14.3464 by changing the saturation by 10% instead.

■ 17.2970, 26.5921,
14.3464

■ 17.2970, 26.5921,
14.3464

230.0012,
285.6767, 230.8782

■ 10.5431, 17.2671,
8.2205

■ 38.3753, 54.2286,
34.4283

■ 5.8255, 10.4251,
4.1466

■ 53.4303, 73.3089,
49.2215

■ 2.7789, 5.6817,
1.7061

■ 71.9832, 96.4098,
67.7407

■ 1.0380, 2.6525,
0.3649

■ 94.3991, 123.9157,
90.4047

■ 0.0000, 0.9531,
0.0000

■ 121.0435,
156.2109, 117.6318

■ 0.0000, 0.0000,
0.0000

152.2818,

193.6799, 149.8408

188.4792,
236.7070, 187.4500

■ 17.2970, 26.5921,
14.3464

■ 17.2970, 26.5921,
14.3464

■ 15.5936, 25.7759,
11.5026

■ 19.4129, 27.6108,
17.7398

■ 14.2735, 25.1454,
9.1779

■ 21.9640, 28.8407,
21.7076

■ 13.3068, 24.6868,
7.3411


■ 24.9736, 30.2942,
26.2756


■ 12.6583, 24.3824,
5.9576

■ 28.4630, 31.9818,
31.4672

■ 12.2598, 24.1980,
4.9864


■ 32.4518, 33.9130,
37.3046

 12.2273, 24.1829,
4.9133

 36.9588, 36.0971,
43.8090

 42.0017, 38.5429,
51.0005

 47.5974, 41.2586,
58.8985

 53.7621, 44.2521,
67.5215

Harmonies

Analogous

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



20.9186, 26.5921, 8.7401



17.2970, 26.5921, 14.3464



15.8203, 26.5921, 26.2396

Triad

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



17.2970, 26.5921, 14.3464



24.3084, 26.5921, 73.0705



36.6317, 26.5921, 17.6077

Complementary

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



17.2970, 26.5921, 14.3464



21.8849, 14.9502, 28.5210

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.



37.9002, 26.5921, 31.8500



17.2970, 26.5921, 14.3464



30.1977, 26.5921, 67.9943

Square

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



17.2970, 26.5921, 14.3464



19.4589, 26.5921, 63.1593



35.3919, 26.5921, 51.1286



32.1478, 26.5921, 10.0636

Rectangle

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



17.2970, 26.5921, 14.3464



16.0602, 26.5921, 37.8377



35.3919, 26.5921, 51.1286



37.4743, 26.5921, 21.5829

Sweetspot

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



17.2977, 26.5932, 14.3470



46.9679, 55.3368, 50.4142



25.2625, 30.7551, 12.1944



10.0754, 12.0510, 10.7055



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.



17.2977, 26.5932, 14.3470



27.6350, 46.0212, 20.1007



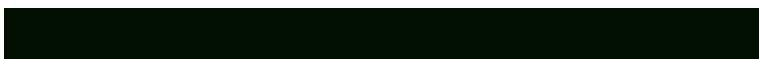
19.3986, 27.4336, 25.4103



6.5908, 7.4171, 7.2798



9.9398, 19.6438, 4.0398



0.1882, 0.3554, 0.1272

Inverse Universe

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



21.8849, 14.9502, 28.5210



36.8268, 22.6353, 48.4607



19.4252, 13.9664, 15.5685



6.8597, 6.7368, 8.1123



14.7164, 7.1911, 18.5553



0.2740, 0.1329, 0.3891

Previews

White Background



This preview shows how the XYZ color 17.2970, 26.5921, 14.3464 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 17.2970, 26.5921, 14.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

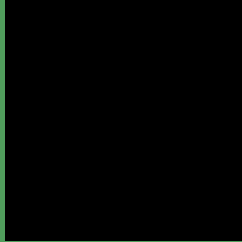
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2970, 26.5921, 14.3464

Background



This preview shows how black text looks on a background with the XYZ color 17.2970, 26.5921, 14.3464.



This preview shows how white text looks on a background with the XYZ color 17.2970, 26.5921,

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

17.2970, 26.5921, 14.3464

Protanopia

24.1546, 26.1843, 12.3753

Deuteranopia

26.6191, 26.1288, 14.9496



Tritanopia

22.0043, 26.5549, 37.6841

Trichromacy



Original Color

17.2970, 26.5921, 14.3464

Protanomaly

20.6445, 25.6980, 13.1046

Deuteranomaly

21.7302, 25.3231, 14.5690

Tritanomaly

19.8886, 26.4077, 27.3415

Monochromacy



Original Color

17.2970, 26.5921, 14.3464

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.5561, 22.7069, 19.3244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2970, 26.5921, 14.3464 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(80, 157, 92)` looks like.

```
.text, #text, p{  
    color:rgb(80, 157, 92)  
}
```

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(80, 157, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 157, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.2970, 26.5921, 14.3464 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(80, 157, 92) }
```


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

```
.border{ border-color:rgb(80, 157, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 157, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 157, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 157, 92);  
box-shadow:4px 4px 4px 4px rgb(80, 157,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2970, 26.5921, 14.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 157, 92) }
```

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

```
.background{ background-color: rgb(80, 157,  
92) }
```

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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