

Converting Colors

XYZ(17.4396, 19.0784, 29.4177)

Have a look what the booklet for
XYZ(17.4396, 19.0784, 29.4177)
contains.

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Color

**XYZ(17.4641, 19.1123,
29.5566)**

Conversions

Conversions Part 1

Format	Color
Hex	637C91
RGB	99, 124, 145
RGB Percent	39%, 49%, 57%
CMY	0.6118, 0.5137, 0.4314
CMYK	0.32, 0.14, 0.00, 0.43
HSL	207°, 19%, 48%
HSV	207°, 32%, 57%
XYZ	17.4641, 19.1123, 29.5566
YIQ	118.9190, -21.6410, 1.2310

Conversions

Conversions Part 2

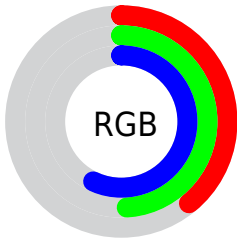
Format	Color
R_{YB}	99, 115, 145
Decimal	6519953
CIE _{Lab}	50.82, -3.76, -14.29
CIE _{LCh}	51, 14.779, 255.275
Yxy	19.1123, 0.2641, 0.2890
Android (android.graphics.Color)	4284710033 (0xFF637C91)
YUV	118.9190, 12.8579, -17.4690
Hunter-Lab	43.7176, -5.1995, -9.4824

Details

The XYZ color **17.4641, 19.1123, 29.5566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6460, 20.3538, 14.6455**, and the grayscale version is **17.4750, 18.3851, 20.0213**.

A 20% lighter version of the original color is **38.5966, 41.7535, 60.0578**, and **5.8970, 6.5365, 11.7773** is the 20% darker color. If you saturate the color by 10%, you get **15.2182, 16.7645, 29.2221**, and if you desaturate by 10%, it is **20.0514, 21.7197, 29.9238**.

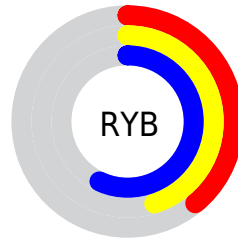
Distribution



Red (39%)

Green (49%)

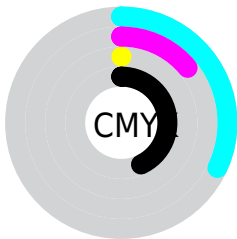
Blue (57%)



Red (39%)

Yellow (45%)

Blue (57%)

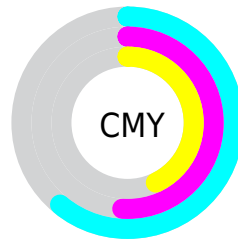


Cyan (32%)

Magenta (14%)

Yellow (0%)

Black (43%)



Cyan (61%)

Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4641, 19.1123, 29.5566 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 17.4641, 19.1123, 29.5566 by changing the saturation by 10% instead.

■ 17.4641, 19.1123,
29.5566

■ 17.4641, 19.1123,
29.5566

230.9373,
247.0680, 313.9749

■ 10.6633, 11.7515,
19.2531

■ 38.6593, 41.9238,
60.0129

■ 5.9065, 6.5747,
11.6746

■ 53.7844, 58.1432,
81.0029

■ 2.8284, 3.1976,
6.4027

■ 72.4150, 78.0842,
106.3920

■ 1.0637, 1.2357,
3.0187

■ 94.9164, 102.1313,
136.5989

■ 0.0000, 0.0906,
1.1042

121.6539,
130.6689, 172.0421

■ 0.0000, 0.0000,
0.0000

152.9930,

164.0812, 213.1401

189.2991,
202.7528, 260.3115

■ 17.4641, 19.1123,
29.5566

■ 17.4641, 19.1123,
29.5566

■ 15.2182, 16.7645,
29.2221

■ 20.0514, 21.7197,
29.9238

■ 13.2955, 14.6639,
28.9180

■ 22.9933, 24.5937,
30.3235

■ 11.6790, 12.8006,
28.6436

■ 26.3048, 27.7439,
30.7570

■ 10.3488, 11.1626,
28.3975

■ 29.9991, 31.1788,
31.2253

■ 9.2829, 9.7368,
28.1785

■ 34.0889, 34.9063,
31.7292

■ 8.4552, 8.5078,
27.9849

■ 38.5863, 38.9340,
32.2696

■ 7.8930, 7.6086,
27.8409

■ 43.5029, 43.2692,
32.8473

■ 48.8497, 47.9191,
33.4630

■ 54.6373, 52.8903,
34.1175

Harmonies

Analogous

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



16.2680, 19.1123, 27.0346



17.4641, 19.1123, 29.5566



18.9124, 19.1123, 29.5315

Triad

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



17.4641, 19.1123, 29.5566



20.9991, 19.1123, 18.7706



16.2504, 19.1123, 15.6677

Complementary

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



17.4641, 19.1123, 29.5566



20.6460, 20.3538, 14.6455

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.



17.4389, 19.1123, 14.0008



17.4641, 19.1123, 29.5566



20.2055, 19.1123, 15.6227

Square

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



17.4641, 19.1123, 29.5566



21.0067, 19.1123, 22.9128



18.8858, 19.1123, 13.9855



15.5931, 19.1123, 18.8400

Rectangle

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



17.4641, 19.1123, 29.5566



19.8290, 19.1123, 28.0570



18.8858, 19.1123, 13.9855



16.5981, 19.1123, 14.9326

Sweetspot

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



17.4647, 19.1131, 29.5570



42.0322, 44.8654, 54.4181



18.6434, 24.2526, 21.3731



9.1934, 9.8297, 12.0850



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.4647, 19.1131, 29.5570



28.3709, 31.2082, 52.5020



14.9398, 14.0633, 28.7154



5.3572, 5.7101, 6.8486



6.7962, 6.5785, 23.8887



0.0870, 0.1070, 0.2357

Inverse Universe

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



19.7775, 16.3992, 21.1926



33.2704, 25.9008, 34.6833



23.7070, 26.4759, 15.6658



5.5237, 5.4700, 6.2561



11.2335, 5.6504, 6.8811



0.1185, 0.0585, 0.1244

Previews

White Background



This preview shows how the XYZ color 17.4641, 19.1123, 29.5566 looks on a white background.

Color Contrast Check

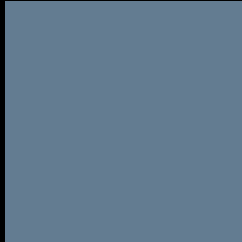
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4641, 19.1123, 29.5566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

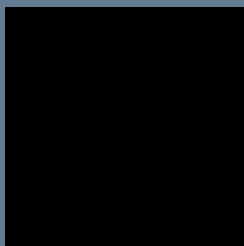
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

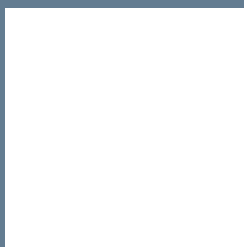
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4641, 19.1123, 29.5566

Background



This preview shows how black text looks on a background with the XYZ color 17.4641, 19.1123, 29.5566.

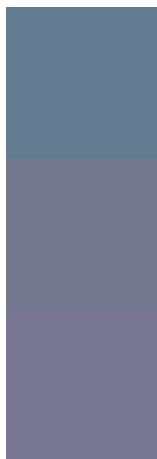


This preview shows how white text looks on a background with the XYZ color 17.4641, 19.1123,

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

17.4641, 19.1123, 29.5566

Protanopia

18.8014, 19.0989, 28.2867

Deuteranopia

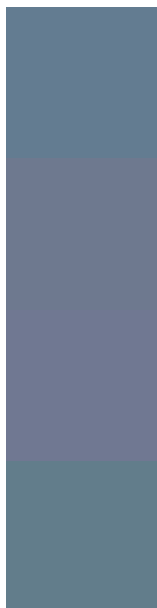
19.4125, 19.0253, 29.8432



Tritanopia

16.8346, 19.2407, 26.1191

Trichromacy



Original Color

17.4641, 19.1123, 29.5566

Protanomaly

18.2257, 18.9729, 28.6881

Deuteranomaly

18.5869, 18.9530, 29.8728

Tritanomaly

17.0308, 19.1280, 27.2205

Monochromacy



Original Color

17.4641, 19.1123, 29.5566

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4157, 18.6780, 23.1094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4641, 19.1123, 29.5566 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(99, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(99, 124, 145)  
}
```

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(99, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 124, 145) }
```

Border

The CSS property to change the border of an element to XYZ 17.4641, 19.1123, 29.5566 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(99, 124, 145) }
```


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

```
.border{ border-color:rgb(99, 124, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 124, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(99, 124,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4641, 19.1123, 29.5566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 124, 145) }
```

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

```
.background{ background-color: rgb(99, 124,  
145) }
```

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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