

Converting Colors

XYZ(17.9182, 18.6093, 34.6385)

Have a look what the booklet for
XYZ(17.9182, 18.6093, 34.6385)
contains.

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Color

**XYZ(17.9602, 18.7057,
34.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	62799D
RGB	98, 121, 157
RGB Percent	38%, 47%, 62%
CMY	0.6157, 0.5255, 0.3843
CMYK	0.38, 0.23, 0.00, 0.38
HSL	217°, 23%, 50%
HSV	217°, 38%, 62%
XYZ	17.9602, 18.7057, 34.5623
YIQ	118.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

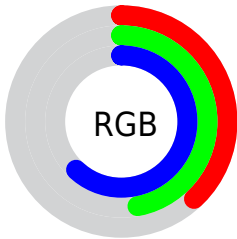
Format	Color
R _Y B	98, 115, 157
Decimal	6453661
CIE Lab	50.34, 0.97, -22.05
CIE LCh	50, 22.070, 272.511
Yxy	18.7057, 0.2522, 0.2626
Android (android.graphics.Color)	4284643741 (0xFF62799D)
YUV	118.2270, 19.1151, -17.7391
Hunter-Lab	43.2501, -1.5630, -17.1052

Details

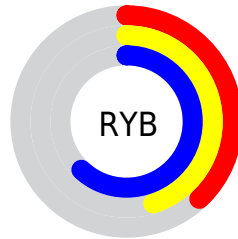
The XYZ color **17.9602, 18.7057, 34.5623** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **24.6349, 25.1008, 15.1026**, and the grayscale version is **17.2391, 18.1369, 19.7511**.

A 20% lighter version of the original color is **39.5897, 41.2199, 68.1570**, and **6.2030, 6.4341, 14.5506** is the 20% darker color. If you saturate the color by 10%, you get **15.3226, 15.7030, 34.1221**, and if you desaturate by 10%, it is **21.0470, 22.1124, 35.0575**.

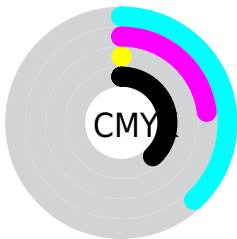
Distribution



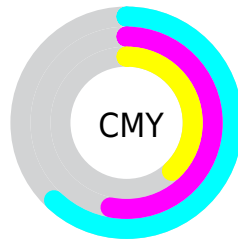
- Red (38%)
- Green (47%)
- Blue (62%)



- Red (38%)
- Yellow (45%)
- Blue (62%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9602, 18.7057, 34.5623 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 17.9602, 18.7057, 34.5623 by changing the saturation by 10% instead.

■ 17.9602, 18.7057,
34.5623

■ 17.9602, 18.7057,
34.5623

233.6965,
244.8192, 337.4775

■ 11.0209, 11.4578,
23.0451

■ 39.5001, 41.2362,
67.9510

■ 6.1483, 6.3757,
14.4212

■ 54.8315, 57.2876,
90.6595

■ 2.9770, 3.0748,
8.2721

■ 73.6909, 77.0423,
117.9356

■ 1.1416, 1.1709,
4.1793

■ 96.4437, 100.8847,
150.1977

■ 0.0595, 0.0378,
1.7242

123.4554,
129.1992, 187.8644

■ 0.0000, 0.0000,
0.3772

155.0912,

■ 0.0000, 0.0000,

162.3702, 231.3542

0.0000

191.7164,
200.7821, 281.0858

■ 17.9602, 18.7057,
34.5623

■ 17.9602, 18.7057,
34.5623

■ 15.3226, 15.7030,
34.1221

■ 21.0470, 22.1124,
35.0575

■ 13.1094, 13.0855,
33.7335

■ 24.6022, 25.9365,
35.6082

■ 11.2962, 10.8355,
33.3948

■ 28.6462, 30.1937,
36.2168

■ 9.8550, 8.9333,
33.1036

■ 33.1976, 34.8978,
36.8849

■ 8.7537, 7.3566,
32.8573

■ 38.2739, 40.0623,
37.6142

■ 7.9401, 6.0722,
32.6522

■ 43.8919, 45.6998,
38.4063

■ 7.7655, 5.7936,
32.6077

■ 50.0673, 51.8225,
39.2626

■ 56.8156, 58.4422,
40.1846

■ 64.1512, 65.5702,
41.1739

Harmonies

Analogous

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



15.9459, 18.7057, 32.7185



17.9602, 18.7057, 34.5623



20.0848, 18.7057, 32.0150

Triad

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



17.9602, 18.7057, 34.5623



21.4816, 18.7057, 14.6651



14.3716, 18.7057, 15.3957

Complementary

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



17.9602, 18.7057, 34.5623



24.6349, 25.1008, 15.1026

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.



15.6571, 18.7057, 11.9551



17.9602, 18.7057, 34.5623



19.7479, 18.7057, 11.5966

Square

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



17.9602, 18.7057, 34.5623



22.2172, 18.7057, 19.8551



17.5994, 18.7057, 10.7134



13.9755, 18.7057, 20.8883

Rectangle

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



17.9602, 18.7057, 34.5623



21.2498, 18.7057, 28.4183



17.5994, 18.7057, 10.7134



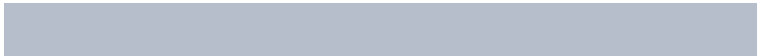
14.7087, 18.7057, 14.0016

Sweetspot

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



17.9608, 18.7064, 34.5627



48.5669, 51.2116, 64.4518



21.3559, 28.4157, 26.6953



10.4878, 11.0596, 14.1523



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.



17.9608, 18.7064, 34.5627



28.1944, 28.9930, 61.2369



16.1515, 14.1075, 33.7704



6.4862, 6.8382, 8.3847



6.3409, 4.7733, 26.4944



0.1531, 0.1648, 0.4870

Inverse Universe

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



21.7241, 17.2846, 20.2811



36.0623, 26.6076, 31.2463



27.0431, 31.5851, 16.2272



6.7348, 6.6868, 7.4544



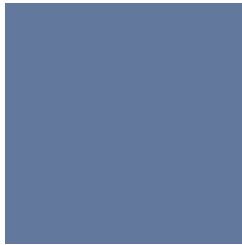
11.9988, 6.1041, 4.2447



0.2346, 0.1172, 0.1815

Previews

White Background



This preview shows how the XYZ color 17.9602, 18.7057, 34.5623 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 17.9602, 18.7057, 34.5623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

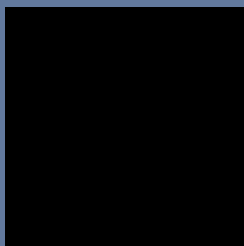
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

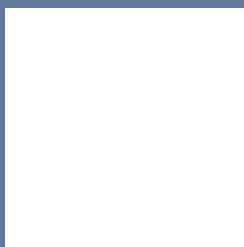
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9602, 18.7057, 34.5623

Background



This preview shows how black text looks on a background with the XYZ color 17.9602, 18.7057, 34.5623.

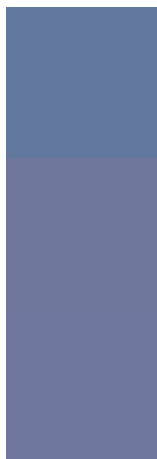


This preview shows how white text looks on a background with the XYZ color 17.9602, 18.7057,

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

17.9602, 18.7057, 34.5623

Protanopia

18.8252, 18.6384, 33.6157

Deuteranopia

19.0804, 18.7405, 34.9594



Tritanopia

16.2210, 18.7437, 25.6846

Trichromacy



Original Color

17.9602, 18.7057, 34.5623

Protanomaly

18.5414, 18.6581, 34.0766

Deuteranomaly

18.7122, 18.7264, 34.9761

Tritanomaly

16.8849, 18.8314, 28.7315

Monochromacy



Original Color

17.9602, 18.7057, 34.5623

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.3172, 18.2391, 24.4376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9602, 18.7057, 34.5623 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(98, 121, 157) looks like.

```
.text, #text, p{  
    color:rgb(98, 121, 157)  
}
```

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(98, 121, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 121, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.9602, 18.7057, 34.5623 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(98, 121, 157) }
```


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

```
.border{ border-color:rgb(98, 121, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 121, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 121, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 121, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 121,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9602, 18.7057, 34.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 121, 157) }
```

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

```
.background{ background-color: rgb(98, 121,  
157) }
```

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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