

Converting Colors

XYZ(17.1495, 19.0617, 41.7748)

Have a look what the booklet for
XYZ(17.1495, 19.0617, 41.7748)
contains.

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Color

**XYZ(17.1540, 19.0585,
41.8043)**

Conversions

Conversions Part 1

Format	Color
Hex	427EAC
RGB	66, 126, 172
RGB Percent	26%, 49%, 67%
CMY	0.7412, 0.5059, 0.3255
CMYK	0.62, 0.27, 0.00, 0.33
HSL	206°, 45%, 47%
HSV	206°, 62%, 67%
XYZ	17.1540, 19.0585, 41.8043
YIQ	113.3040, -50.5260, 1.5860

Conversions

Conversions Part 2

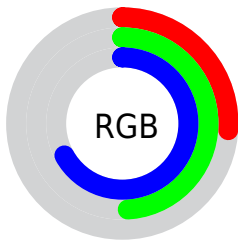
Format	Color
R _Y B	66, 104, 172
Decimal	4357804
CIE Lab	50.76, -5.18, -30.27
CIE LCh	51, 30.706, 260.291
Yxy	19.0585, 0.2199, 0.2443
Android (android.graphics.Color)	4282547884 (0xFF427EAC)
YUV	113.3040, 28.9371, -41.4856
Hunter-Lab	43.6560, -6.2591, -26.2159

Details

The XYZ color **17.1540, 19.0585, 41.8043** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **23.7916, 20.7535, 7.9070**, and the grayscale version is **15.7144, 16.5328, 18.0042**.

A 20% lighter version of the original color is **38.2921, 42.0526, 79.4975**, and **5.9837, 6.6397, 18.4190** is the 20% darker color. If you saturate the color by 10%, you get **15.2456, 16.7105, 41.4521**, and if you desaturate by 10%, it is **19.4834, 21.7299, 42.1975**.

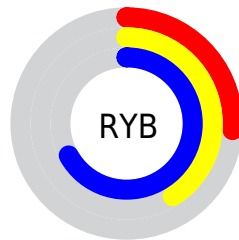
Distribution



Red (26%)

Green (49%)

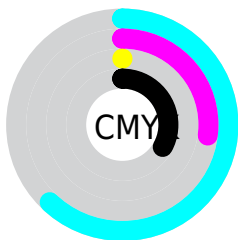
Blue (67%)



Red (26%)

Yellow (41%)

Blue (67%)

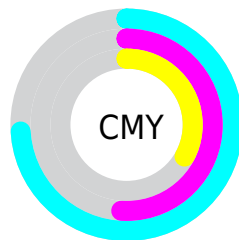


Cyan (62%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (74%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1540, 19.0585, 41.8043 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 17.1540, 19.0585, 41.8043 by changing the saturation by 10% instead.

■ 17.1540, 19.0585,
41.8043

■ 17.1540, 19.0585,
41.8043

229.1973,
246.7715, 369.4467

■ 10.4403, 11.7126,
28.6237

■ 38.1319, 41.8329,
79.1702

■ 5.7564, 6.5483,
18.5532

■ 53.1268, 58.0302,
104.1926

■ 2.7368, 3.1812,
11.1743

■ 71.6128, 77.9467,
133.9993

■ 1.0161, 1.2271,
6.0686

■ 93.9553, 101.9668,
169.0089

■ 0.0000, 0.0836,
2.8174

■ 120.5197,
130.4750, 209.6399

■ 0.0000, 0.0000,
1.0021

151.6712,

■ 0.0000, 0.0000,

163.8556, 256.3109

0.0000

187.7753,
202.4929, 309.4403

■ 17.1540, 19.0585,
41.8043

■ 17.1540, 19.0585,
41.8043

■ 15.2456, 16.7105,
41.4521

■ 19.4834, 21.7299,
42.1975

■ 13.7224, 14.6642,
41.1374

■ 22.2616, 24.7403,
42.6322

■ 12.5449, 12.8972,
40.8584

■ 25.5162, 28.1065,
43.1104

■ 11.7542, 11.5941,
40.6485

■ 29.2717, 31.8431,
43.6337

■ 33.5512, 35.9640,
44.2035

■ 38.3757, 40.4821,
44.8213

■ 43.7656, 45.4099,
45.4884

■ 49.7397, 50.7589,
46.2060

■ 56.3162, 56.5403,
46.9753

Harmonies

Analogous

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



14.6563, 19.0585, 36.3300



17.1540, 19.0585, 41.8043



20.2010, 19.0585, 40.5525

Triad

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



17.1540, 19.0585, 41.8043



24.1165, 19.0585, 15.5083



14.0094, 19.0585, 11.8463

Complementary

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



17.1540, 19.0585, 41.8043



23.7916, 20.7535, 7.9070

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.



16.1770, 19.0585, 8.7465



17.1540, 19.0585, 41.8043



22.0780, 19.0585, 10.4175

Square

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



17.1540, 19.0585, 41.8043



24.4530, 19.0585, 23.6804



19.1103, 19.0585, 8.3084



12.9786, 19.0585, 18.0746

Rectangle

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



17.1540, 19.0585, 41.8043



22.1294, 19.0585, 36.1729



19.1103, 19.0585, 8.3084



14.6172, 19.0585, 10.4861

Sweetspot

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



17.1547, 19.0592, 41.8048



55.5595, 60.1580, 79.4891



19.9209, 31.8322, 20.4051



11.6158, 12.6279, 17.2129



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.1547, 19.0592, 41.8048



26.5568, 28.8792, 74.9803



12.0809, 8.9115, 40.1135



7.9409, 8.4811, 10.1712



8.8024, 8.7386, 30.2673



0.2980, 0.3493, 0.8597

Inverse Universe

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



22.7280, 14.1742, 21.2772



38.0901, 21.2502, 31.9445



31.4403, 36.0508, 10.4565



8.1880, 8.0884, 9.3006



14.3067, 7.1852, 9.2603



0.4248, 0.2106, 0.3987

Previews

White Background



This preview shows how the XYZ color 17.1540, 19.0585, 41.8043 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 17.1540, 19.0585, 41.8043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

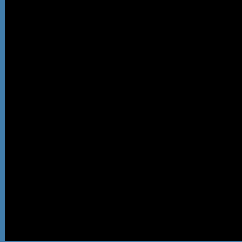
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1540, 19.0585, 41.8043

Background



This preview shows how black text looks on a background with the XYZ color 17.1540, 19.0585, 41.8043.



This preview shows how white text looks on a background with the XYZ color 17.1540, 19.0585,

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

17.1540, 19.0585, 41.8043

Protanopia

19.4236, 19.0110, 38.7221

Deuteranopia

19.3824, 18.9023, 42.6713



Tritanopia

14.5499, 19.1856, 28.5275

Trichromacy



Original Color

17.1540, 19.0585, 41.8043

Protanomaly

18.3418, 18.9704, 39.7407

Deuteranomaly

18.4328, 18.9624, 42.2238

Tritanomaly

15.4197, 19.1350, 33.0177

Monochromacy



Original Color

17.1540, 19.0585, 41.8043

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6054, 17.1649, 25.0449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1540, 19.0585, 41.8043 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(66, 126, 172)` looks like.

```
.text, #text, p{  
    color:rgb(66, 126, 172)  
}
```

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(66, 126, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 126, 172) }
```

Border

The CSS property to change the border of an element to XYZ 17.1540, 19.0585, 41.8043 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(66, 126, 172) }
```


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

```
.border{ border-color:rgb(66, 126, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 126, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 126, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 126, 172);  
box-shadow:4px 4px 4px 4px rgb(66, 126,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1540, 19.0585, 41.8043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 126, 172) }
```

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

```
.background{ background-color: rgb(66, 126,  
172) }
```

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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