

Converting Colors

XYZ(18.0850, 17.1449, 60.5568)

Have a look what the booklet for
XYZ(18.0850, 17.1449, 60.5568)
contains.

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Color

**XYZ(18.1080, 17.1490,
60.7482)**

Conversions

Conversions Part 1

Format	Color
Hex	2773CE
RGB	39, 115, 206
RGB Percent	15%, 45%, 81%
CMY	0.8470, 0.5490, 0.1922
CMYK	0.81, 0.44, 0.00, 0.19
HSL	213°, 68%, 48%
HSV	213°, 81%, 81%
XYZ	18.1080, 17.1490, 60.7482
YIQ	102.6500, -74.5070, 12.1890

Conversions

Conversions Part 2

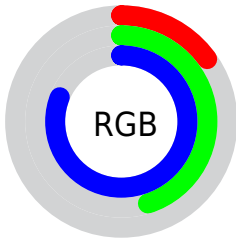
Format	Color
R _Y B	39, 91, 206
Decimal	2585550
CIE Lab	48.45, 9.92, -53.53
CIE LCh	48, 54.442, 280.494
Yxy	17.1490, 0.1886, 0.1786
Android (android.graphics.Color)	4280775630 (0xFF2773CE)
YUV	102.6500, 50.9515, -55.8211
Hunter-Lab	41.4114, 5.5831, -57.9873

Details

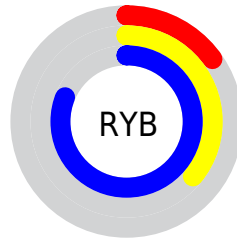
The XYZ color **18.1080, 17.1490, 60.7482** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **33.8049, 29.2379, 5.7826**, and the grayscale version is **12.6854, 13.3460, 14.5338**.

A 20% lighter version of the original color is **38.2418, 37.8719, 99.9022**, and **7.6530, 6.3686, 30.1041** is the 20% darker color. If you saturate the color by 10%, you get **16.3256, 14.4442, 60.3205**, and if you desaturate by 10%, it is **20.4709, 20.3848, 61.2486**.

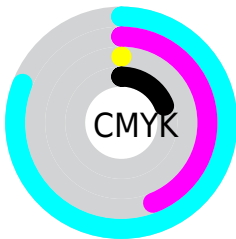
Distribution



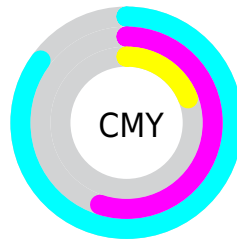
- Red (15%)
- Green (45%)
- Blue (81%)



- Red (15%)
- Yellow (36%)
- Blue (81%)



- Cyan (81%)
- Magenta (44%)
- Yellow (0%)
- Black (19%)



- Cyan (85%)
- Magenta (55%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1080, 17.1490, 60.7482 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 18.1080, 17.1490, 60.7482 by changing the saturation by 10% instead.

■ 18.1080, 17.1490,
60.7482

■ 18.1080, 17.1490,
60.7482

234.5129,
236.0296, 445.2311

■ 11.1277, 10.3408,
43.5928

■ 39.7499, 38.5818,
107.4682

■ 6.2207, 5.6255,
30.0156

■ 55.1422, 53.9751,
137.8699

■ 3.0217, 2.6187,
19.5983

■ 74.0693, 72.9990,
173.5241

■ 1.1652, 0.9361,
11.9222

■ 96.8964, 96.0377,
214.8493

■ 0.0787, 0.0000,
6.5688

■ 123.9890,
123.4758, 262.2640

■ 0.0000, 0.0000,
3.1196

155.7124,

■ 0.0000, 0.0000,

155.6975, 316.1869

1.1560

192.4319,
193.0873, 377.0364

■ 0.0000, 0.0000,
0.0000

■ 18.1080, 17.1490,
60.7482

■ 18.1080, 17.1490,
60.7482

■ 16.3256, 14.4442,
60.3205

■ 20.4709, 20.3848,
61.2486

■ 15.1202, 12.4153,
59.9924

■ 23.4774, 24.1915,
61.8249

■ 27.1836, 28.6059,
62.4817

■ 31.6386, 33.6601,
63.2224

■ 36.8865, 39.3840,
64.0507

■ 42.9677, 45.8049,
64.9695

■ 49.9198, 52.9487,
65.9820

■ 57.7780, 60.8395,
67.0909

■ 66.5754, 69.5005,
68.2989

Harmonies

Analogous

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



13.3045, 17.1490, 58.3301



18.1080, 17.1490, 60.7482



23.3482, 17.1490, 48.2872

Triad

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



18.1080, 17.1490, 60.7482



24.7277, 17.1490, 5.9190



8.8323, 17.1490, 10.9254

Complementary

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



18.1080, 17.1490, 60.7482



33.8049, 29.2379, 5.7826

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.



10.8349, 17.1490, 4.6114



18.1080, 17.1490, 60.7482



19.7136, 17.1490, 2.9104

Square

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



18.1080, 17.1490, 60.7482



27.6551, 17.1490, 14.1066



14.6158, 17.1490, 2.5989



8.5758, 17.1490, 24.1302

Rectangle

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



18.1080, 17.1490, 60.7482



26.1434, 17.1490, 35.7144



14.6158, 17.1490, 2.5989



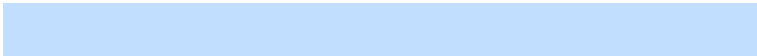
9.3009, 17.1490, 8.1543

Sweetspot

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



18.1087, 17.1495, 60.7487



66.2748, 70.7189, 104.7648



26.8099, 46.1350, 27.9396



13.4254, 14.3340, 22.3091



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



18.1087, 17.1495, 60.7487



24.8868, 20.7515, 97.3015



12.9306, 6.4568, 58.9577



11.0152, 11.6709, 14.2425



9.4049, 7.8337, 36.9726



0.5607, 0.5551, 1.9325

Inverse Universe

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



29.2743, 15.8118, 17.7289



44.7256, 22.7871, 19.8754



46.3735, 56.6288, 10.4071



11.4210, 11.2971, 12.7518



16.9581, 8.5938, 7.4978



0.9130, 0.4586, 0.5875

Previews

White Background



This preview shows how the XYZ color 18.1080, 17.1490, 60.7482 looks on a white 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

Black Background



This preview shows how the XYZ color 18.1080, 17.1490, 60.7482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

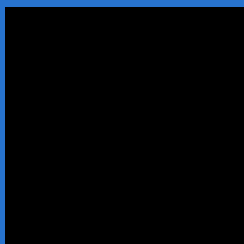
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

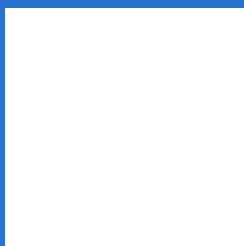
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.1080, 17.1490, 60.7482

Background



This preview shows how black text looks on a background with the XYZ color 18.1080, 17.1490, 60.7482.



This preview shows how white text looks on a background with the XYZ color 18.1080, 17.1490,

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

18.1080, 17.1490, 60.7482

Protanopia

19.0176, 17.0109, 58.1582

Deuteranopia

17.6171, 17.0662, 60.7581



Tritanopia

12.0333, 16.9563, 25.9312

Trichromacy



Original Color

18.1080, 17.1490, 60.7482

Protanomaly

18.4371, 16.8608, 58.7826

Deuteranomaly

17.7869, 17.1537, 60.7660

Tritanomaly

13.6971, 16.8325, 36.2453

Monochromacy



Original Color

18.1080, 17.1490, 60.7482

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2996, 14.1143, 26.8343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1080, 17.1490, 60.7482 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(39, 115, 206)` looks like.

```
.text, #text, p{  
    color:rgb(39, 115, 206)  
}
```

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(39, 115, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 115, 206) }
```

Border

The CSS property to change the border of an element to XYZ 18.1080, 17.1490, 60.7482 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(39, 115, 206) }
```


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

```
.border{ border-color:rgb(39, 115, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 115, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 115, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 115, 206);  
box-shadow:4px 4px 4px 4px rgb(39, 115,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1080, 17.1490, 60.7482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 115, 206) }
```

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

```
.background{ background-color: rgb(39, 115,  
206) }
```

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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