

Converting Colors

XYZ(17.2627, 12.4823, 60.5317)

Have a look what the booklet for
XYZ(17.2627, 12.4823, 60.5317)
contains.

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Color

**XYZ(17.3379, 12.5770,
60.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	4956CF
RGB	73, 86, 207
RGB Percent	29%, 34%, 81%
CMY	0.7137, 0.6627, 0.1882
CMYK	0.65, 0.58, 0.00, 0.19
HSL	234°, 58%, 55%
HSV	234°, 65%, 81%
XYZ	17.3379, 12.5770, 60.5453
YIQ	95.9070, -46.5890, 34.8750

Conversions

Conversions Part 2

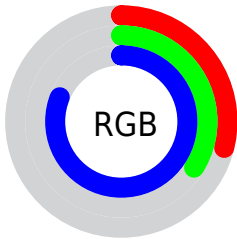
Format	Color
R _Y B	73, 85, 207
Decimal	4806351
CIE Lab	42.12, 33.05, -64.26
CIE LCh	42, 72.262, 297.221
Yxy	12.5770, 0.1917, 0.1390
Android (android.graphics.Color)	4282996431 (0xFF4956CF)
YUV	95.9070, 54.7688, -20.0894
Hunter-Lab	35.4641, 25.2041, -76.3968

Details

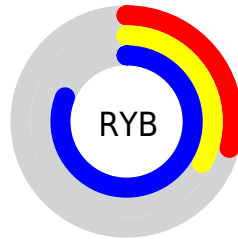
The XYZ color **17.3379, 12.5770, 60.5453** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **46.2287, 52.3337, 13.9695**, and the grayscale version is **10.9760, 11.5477, 12.5754**.

A 20% lighter version of the original color is **36.8458, 29.9792, 98.4523**, and **6.4604, 3.8529, 30.1089** is the 20% darker color. If you saturate the color by 10%, you get **14.7201, 9.2942, 60.0499**, and if you desaturate by 10%, it is **20.8690, 16.9099, 61.1958**.

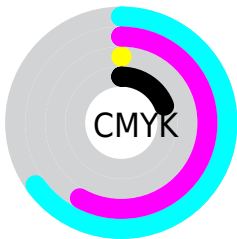
Distribution



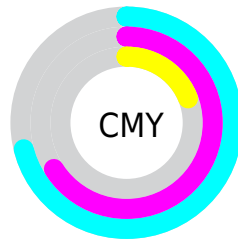
- Red (29%)
- Green (34%)
- Blue (81%)



- Red (29%)
- Yellow (33%)
- Blue (81%)



- Cyan (65%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3379, 12.5770, 60.5453 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 17.3379, 12.5770, 60.5453 by changing the saturation by 10% instead.

■ 17.3379, 12.5770,
60.5453

■ 17.3379, 12.5770,
60.5453

230.2306,
208.1886, 444.4651

■ 10.5725, 7.1379,
43.4301

■ 38.4448, 30.5417,
107.1714

■ 5.8453, 3.5485,
29.8889

■ 53.5171, 43.8362,
137.5194

■ 2.7910, 1.4244,
19.5029

■ 72.0889, 60.5178,
173.1155

■ 1.0442, 0.2346,
11.8537

■ 94.5258, 80.9711,
214.3781

■ 0.0000, 0.0000,
6.5228

■ 121.1931,
105.5805, 261.7258

■ 0.0000, 0.0000,
3.0916

152.4561,

■ 0.0000, 0.0000,

134.7303, 315.5772

1.1416

188.6801,
168.8048, 376.3508

■ 0.0000, 0.0000,
0.0000

■ 17.3379, 12.5770,
60.5453

■ 17.3379, 12.5770,
60.5453

■ 14.7201, 9.2942,
60.0499

■ 20.8690, 16.9099,
61.1958

■ 12.9283, 6.9703,
59.6958

■ 25.3860, 22.3716,
62.0120

■ 11.8616, 5.5001,
59.4683

■ 30.9562, 29.0342,
63.0044

■ 11.5140, 5.0079,
59.3916

■ 37.6406, 36.9637,
64.1827

■ 45.4954, 46.2211,
65.5555

■ 54.5730, 56.8635,
67.1313

■ 64.9226, 68.9447,
68.9177

■ 76.5909, 82.5156,
70.9222

■ 88.0193, 96.7985,
73.0767

Harmonies

Analogous

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



11.4596, 12.5770, 69.7183



17.3379, 12.5770, 60.5453



22.9315, 12.5770, 36.8110

Triad

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



17.3379, 12.5770, 60.5453



18.4748, 12.5770, 0.8294



4.3126, 12.5770, 12.3077

Complementary

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



17.3379, 12.5770, 60.5453



46.2287, 52.3337, 13.9695

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.



5.1954, 12.5770, 3.1019



17.3379, 12.5770, 60.5453



12.4626, 12.5770, 0.0309

Square

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



17.3379, 12.5770, 60.5453



23.7144, 12.5770, 4.1210



7.8190, 12.5770, 0.5845



4.9129, 12.5770, 32.2083

Rectangle

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



17.3379, 12.5770, 60.5453



25.1467, 12.5770, 21.3479



7.8190, 12.5770, 0.5845



4.4375, 12.5770, 8.1310

Sweetspot

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



17.3385, 12.5773, 60.5456



67.0125, 67.1325, 104.0337



34.7540, 49.9198, 58.6082



13.5748, 13.4627, 22.1330



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.



17.3385, 12.5773, 60.5456



22.2288, 13.1483, 95.9740



22.3392, 13.7528, 60.5090



11.2546, 11.5994, 14.8894



7.2859, 3.2185, 37.4297



0.4397, 0.2446, 2.1036

Inverse Universe

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



29.7950, 18.7034, 10.8438



43.9423, 24.6114, 9.1606



36.7289, 51.9187, 14.3901



11.8546, 11.8266, 12.5104



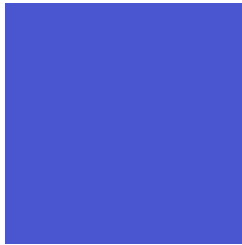
16.3083, 8.3962, 1.2639



0.9282, 0.4760, 0.1566

Previews

White Background



This preview shows how the XYZ color 17.3379, 12.5770, 60.5453 looks on a white background.

Color Contrast Check

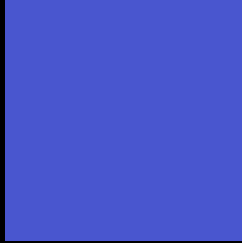
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3379, 12.5770, 60.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

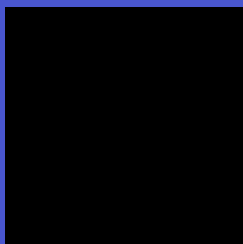
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.3379, 12.5770, 60.5453

Background



This preview shows how black text looks on a background with the XYZ color 17.3379, 12.5770, 60.5453.



This preview shows how white text looks on a background with the XYZ color 17.3379, 12.5770,

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

17.3379, 12.5770, 60.5453

Protanopia

14.7529, 12.4487, 57.5024

Deuteranopia

12.3915, 12.4025, 42.2983



Tritanopia

8.9057, 12.4838, 19.3930

Trichromacy



Original Color

17.3379, 12.5770, 60.5453

Protanomaly

15.1782, 12.2469, 58.6907

Deuteranomaly

13.6045, 12.1866, 48.6489

Tritanomaly

10.6916, 11.7747, 30.9874

Monochromacy



Original Color

17.3379, 12.5770, 60.5453

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.2956, 11.5066, 24.8655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3379, 12.5770, 60.5453 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(73, 86, 207)` looks like.

```
.text, #text, p{  
    color:rgb(73, 86, 207)  
}
```

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(73, 86, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 86, 207) }
```

Border

The CSS property to change the border of an element to XYZ 17.3379, 12.5770, 60.5453 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(73, 86, 207) }
```


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

```
.border{ border-color:rgb(73, 86, 207) }
```

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

Here you see how a box with a 4 pixel rgb(73, 86, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 86, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 86, 207);  
box-shadow:4px 4px 4px 4px rgb(73, 86,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3379, 12.5770, 60.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 86, 207) }
```

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

```
.background{ background-color: rgb(73, 86,  
207) }
```

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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