

Converting Colors

XYZ(17.0315, 14.3889, 59.0560)

Have a look what the booklet for
XYZ(17.0315, 14.3889, 59.0560)
contains.

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Color

**XYZ(17.0741, 14.4513,
59.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	3665CC
RGB	54, 101, 204
RGB Percent	21%, 40%, 80%
CMY	0.7882, 0.6039, 0.2000
CMYK	0.74, 0.50, 0.00, 0.20
HSL	221°, 60%, 51%
HSV	221°, 74%, 80%
XYZ	17.0741, 14.4513, 59.0162
YIQ	98.6890, -61.0750, 22.0690

Conversions

Conversions Part 2

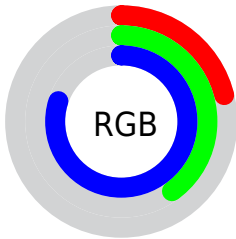
Format	Color
R_{YB}	54, 90, 204
Decimal	3565004
CIE _{Lab}	44.87, 19.74, -58.11
CIE _{LCh}	45, 61.373, 288.759
Yxy	14.4513, 0.1886, 0.1596
Android (android.graphics.Color)	4281755084 (0xFF3665CC)
YUV	98.6890, 51.9183, -39.1923
Hunter-Lab	38.0149, 13.6460, -65.4344

Details

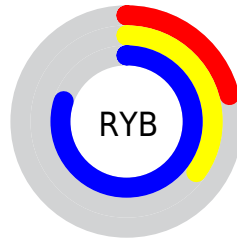
The XYZ color **17.0741, 14.4513, 59.0162** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **37.6268, 37.2213, 8.6926**, and the grayscale version is **11.6675, 12.2751, 13.3676**.

A 20% lighter version of the original color is **36.8623, 33.3463, 99.1014**, and **6.7910, 4.9023, 29.0221** is the 20% darker color. If you saturate the color by 10%, you get **14.9536, 11.5082, 58.5602**, and if you desaturate by 10%, it is **19.8867, 18.0955, 59.5717**.

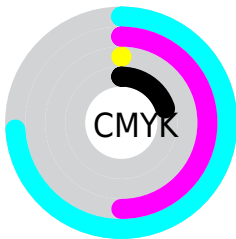
Distribution



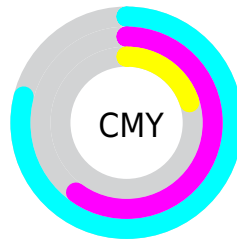
- Red (21%)
- Green (40%)
- Blue (80%)



- Red (21%)
- Yellow (35%)
- Blue (80%)



- Cyan (74%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (79%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0741, 14.4513, 59.0162 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 17.0741, 14.4513, 59.0162 by changing the saturation by 10% instead.

■ 17.0741, 14.4513,
59.0162

■ 17.0741, 14.4513,
59.0162

228.7470,
220.0206, 438.6655

■ 10.3830, 8.4352,
42.2061

■ 37.9957, 33.8877,
104.9306

■ 5.7178, 4.3747,
28.9359

■ 52.9569, 48.0768,
134.8719

■ 2.7133, 1.8853,
18.7872

■ 71.4055, 65.7590,
170.0273

■ 1.0040, 0.5395,
11.3413

■ 93.7069, 87.3187,
210.8154

■ 0.0000, 0.0000,
6.1799

■ 120.2263,
113.1403, 257.6548

■ 0.0000, 0.0000,
2.8842

151.3293,

■ 0.0000, 0.0000,

143.6082, 310.9639

1.0358

187.3810,
179.1069, 371.1613

■ 0.0000, 0.0000,
0.0000

■ 17.0741, 14.4513,
59.0162

■ 17.0741, 14.4513,
59.0162

■ 14.9536, 11.5082,
58.5602

■ 19.8867, 18.0955,
59.5717

■ 13.4497, 9.2097,
58.1958

■ 23.4515, 22.4878,
60.2316

■ 12.7275, 8.0164,
58.0036

■ 27.8237, 27.6720,
61.0018

■ 33.0525, 33.6876,
61.8874

■ 39.1830, 40.5716,
62.8930

■ 46.2570, 48.3584,
64.0232

■ 54.3136, 57.0804,
65.2821

■ 63.3896, 66.7686,
66.6737

■ 73.5199, 77.4521,
68.2019

Harmonies

Analogous

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



11.9410, 14.4513, 61.3064



17.0741, 14.4513, 59.0162



22.3325, 14.4513, 41.8487

Triad

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



17.0741, 14.4513, 59.0162



21.1196, 14.4513, 2.7676



6.2849, 14.4513, 10.9440

Complementary

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



17.0741, 14.4513, 59.0162



37.6268, 37.2213, 8.6926

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.



7.6880, 14.4513, 3.6513



17.0741, 14.4513, 59.0162



15.7014, 14.4513, 1.2203

Square

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



17.0741, 14.4513, 59.0162



25.0326, 14.4513, 8.4227



10.8633, 14.4513, 1.3987



6.4812, 14.4513, 26.3859

Rectangle

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



17.0741, 14.4513, 59.0162



24.8201, 14.4513, 28.0041



10.8633, 14.4513, 1.3987



6.5681, 14.4513, 7.7034

Sweetspot

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



17.0748, 14.4517, 59.0166



66.2545, 68.7042, 104.3770



29.1584, 46.3879, 39.0935



13.5402, 13.9930, 22.2372



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.



17.0748, 14.4517, 59.0166



23.2473, 16.7935, 96.6239



15.6559, 8.7709, 57.9949



10.8838, 11.4079, 14.1987



8.0848, 5.1935, 36.5326



0.4852, 0.4041, 1.9074

Inverse Universe

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



28.5706, 16.4164, 13.9749



44.0638, 23.1569, 14.4340



40.2774, 52.7412, 11.5485



11.3547, 11.2706, 12.4024



16.2917, 8.3273, 3.9889



0.8748, 0.4433, 0.3868

Previews

White Background



This preview shows how the XYZ color 17.0741, 14.4513, 59.0162 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 17.0741, 14.4513, 59.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

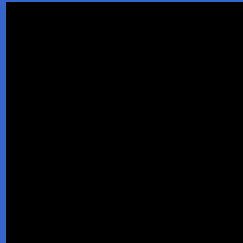
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0741, 14.4513, 59.0162

Background



This preview shows how black text looks on a background with the XYZ color 17.0741, 14.4513, 59.0162.



This preview shows how white text looks on a background with the XYZ color 17.0741, 14.4513,

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

17.0741, 14.4513, 59.0162

Protanopia

16.8095, 14.4460, 59.6600

Deuteranopia

14.4397, 14.3560, 49.5869



Tritanopia

10.1272, 14.2289, 21.9514

Trichromacy



Original Color

17.0741, 14.4513, 59.0162

Protanomaly

16.9897, 14.5389, 59.6684

Deuteranomaly

15.0777, 14.1469, 52.9749

Tritanomaly

11.8057, 13.8507, 32.6231

Monochromacy



Original Color

17.0741, 14.4513, 59.0162

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.6398, 12.7595, 25.4635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0741, 14.4513, 59.0162 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(54, 101, 204)` looks like.

```
.text, #text, p{  
    color:rgb(54, 101, 204)  
}
```

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(54, 101, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 101, 204) }
```

Border

The CSS property to change the border of an element to XYZ 17.0741, 14.4513, 59.0162 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(54, 101, 204) }
```


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

```
.border{ border-color:rgb(54, 101, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 101, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 101, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 101, 204);  
box-shadow:4px 4px 4px 4px rgb(54, 101,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0741, 14.4513, 59.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 101, 204) }
```

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

```
.background{ background-color: rgb(54, 101,  
204) }
```

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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