

Converting Colors

XYZ(17.6497, 15.3105, 61.0581)

Have a look what the booklet for
XYZ(17.6497, 15.3105, 61.0581)
contains.

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Color

**XYZ(17.6295, 15.2863,
61.0529)**

Conversions

Conversions Part 1

Format	Color
Hex	3269CF
RGB	50, 105, 207
RGB Percent	20%, 41%, 81%
CMY	0.8039, 0.5882, 0.1882
CMYK	0.76, 0.49, 0.00, 0.19
HSL	219°, 62%, 50%
HSV	219°, 76%, 81%
XYZ	17.6295, 15.2863, 61.0529
YIQ	100.1830, -65.5220, 20.0620

Conversions

Conversions Part 2

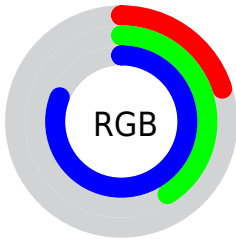
Format	Color
RYB	50, 91, 207
Decimal	3303887
CIELab	46.02, 17.80, -57.98
CIELCh	46, 60.656, 287.069
Yxy	15.2863, 0.1876, 0.1627
Android (android.graphics.Color)	4281493967 (0xFF3269CF)
YUV	100.1830, 52.6608, -44.0105
Hunter-Lab	39.0977, 12.0663, -65.2157

Details

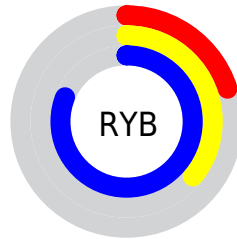
The XYZ color **17.6295, 15.2863, 61.0529** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **37.5385, 35.9564, 7.9808**, and the grayscale version is **12.0427, 12.6699, 13.7975**.

A 20% lighter version of the original color is **37.4097, 34.8485, 99.3625**, and **7.2315, 5.3949, 30.3659** is the 20% darker color. If you saturate the color by 10%, you get **15.5665, 12.3476, 60.5948**, and if you desaturate by 10%, it is **20.3716, 18.8969, 61.6057**.

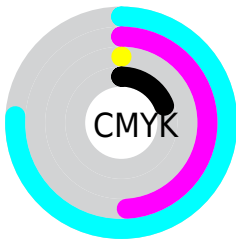
Distribution



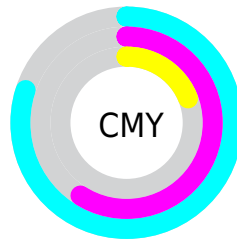
- Red (20%)
- Green (41%)
- Blue (81%)



- Red (20%)
- Yellow (36%)
- Blue (81%)



- Cyan (76%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (80%)
- Magenta (59%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6295, 15.2863, 61.0529 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 17.6295, 15.2863, 61.0529 by changing the saturation by 10% instead.

■ 17.6295, 15.2863,
61.0529

■ 17.6295, 15.2863,
61.0529

231.8605,
225.0926, 446.3799

■ 10.7824, 9.0206,
43.8370

■ 38.9400, 35.3547,
107.9138

■ 5.9869, 4.7546,
30.2062

■ 54.1342, 49.9261,
138.3959

■ 2.8777, 2.1040,
19.7417

■ 72.8414, 68.0348,
174.1372

■ 1.0894, 0.6669,
12.0252

■ 95.4270, 90.0653,
215.5562

■ 0.0162, 0.0000,
6.6381

■ 122.2563,
116.4020, 263.0714

■ 0.0000, 0.0000,
3.1618

153.6948,

■ 0.0000, 0.0000,

147.4291, 317.1014

1.1779

190.1078,
183.5312, 378.0647

■ 0.0000, 0.0000,
0.0000

■ 17.6295, 15.2863,
61.0529

■ 17.6295, 15.2863,
61.0529

■ 15.5665, 12.3476,
60.5948

■ 20.3716, 18.8969,
61.6057

■ 14.1020, 10.0238,
60.2234

■ 23.8554, 23.2255,
62.2575

■ 13.6128, 9.2055,
60.0913

■ 28.1378, 28.3148,
63.0142

■ 33.2694, 34.2033,
63.8803

■ 39.2962, 40.9268,
64.8604

■ 46.2608, 48.5186,
65.9587

■ 54.2029, 57.0100,
67.1791

■ 63.1600, 66.4307,
68.5254

■ 73.1674, 76.8091,
70.0012

Harmonies

Analogous

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



12.4266, 15.2863, 62.3204



17.6295, 15.2863, 61.0529



23.0393, 15.2863, 44.3475

Triad

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



17.6295, 15.2863, 61.0529



22.3595, 15.2863, 3.3271



6.8649, 15.2863, 11.0767

Complementary

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



17.6295, 15.2863, 61.0529



37.5385, 35.9564, 7.9808

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.



8.4247, 15.2863, 3.8464



17.6295, 15.2863, 61.0529



16.8564, 15.2863, 1.4883

Square

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



17.6295, 15.2863, 61.0529



26.1815, 15.2863, 9.6382



11.8155, 15.2863, 1.5967



6.9776, 15.2863, 26.4182

Rectangle

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



17.6295, 15.2863, 61.0529



25.6726, 15.2863, 30.2976



11.8155, 15.2863, 1.5967



7.1919, 15.2863, 7.8682

Sweetspot

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



17.6302, 15.2867, 61.0533



65.6915, 68.5735, 104.3814



29.0889, 47.4883, 36.2506



13.2382, 13.7725, 22.2106



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.



17.6302, 15.2867, 61.0533



23.3757, 17.3486, 96.7243



14.9981, 8.1248, 59.8096



11.4976, 12.0854, 14.9704



8.6573, 5.9612, 37.8868



0.5577, 0.4807, 2.1429

Inverse Universe

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



29.4233, 16.5677, 15.0119



44.0558, 22.8750, 15.2514



43.1554, 55.3041, 11.4192



11.9773, 11.8757, 13.1562



17.0005, 8.6731, 4.9090



0.9877, 0.4998, 0.4703

Previews

White Background



This preview shows how the XYZ color 17.6295, 15.2863, 61.0529 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 17.6295, 15.2863, 61.0529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

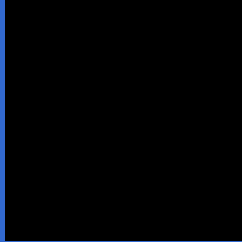
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6295, 15.2863, 61.0529

Background



This preview shows how black text looks on a background with the XYZ color 17.6295, 15.2863, 61.0529.



This preview shows how white text looks on a background with the XYZ color 17.6295, 15.2863,

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

17.6295, 15.2863, 61.0529

Protanopia

17.6793, 15.3120, 61.0552

Deuteranopia

15.4220, 15.2639, 53.1723



Tritanopia

10.6789, 15.0179, 23.1048

Trichromacy



Original Color

17.6295, 15.2863, 61.0529

Protanomaly

17.6793, 15.3120, 61.0552

Deuteranomaly

16.0269, 15.1894, 56.1200

Tritanomaly

12.4660, 14.8244, 34.1027

Monochromacy



Original Color

17.6295, 15.2863, 61.0529

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.8912, 13.1607, 26.2869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6295, 15.2863, 61.0529 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(50, 105, 207)` looks like.

```
.text, #text, p{  
    color:rgb(50, 105, 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(50, 105, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 105, 207) }
```

Border

The CSS property to change the border of an element to XYZ 17.6295, 15.2863, 61.0529 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(50, 105, 207) }
```


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

```
.border{ border-color:rgb(50, 105, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 105, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 105, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 105, 207);  
box-shadow:4px 4px 4px 4px rgb(50, 105,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6295, 15.2863, 61.0529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 105, 207) }
```

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

```
.background{ background-color: rgb(50, 105,  
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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