

Converting Colors

XYZ(17.0506, 15.0531, 55.0930)

Have a look what the booklet for
XYZ(17.0506, 15.0531, 55.0930)
contains.

XYZ(17.0541, 15.1265, 54.8442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0541, 15.1265,
54.8442)**

Conversions

Conversions Part 1

Format	Color
Hex	3D69C5
RGB	61, 105, 197
RGB Percent	24%, 41%, 77%
CMY	0.7608, 0.5882, 0.2274
CMYK	0.69, 0.47, 0.00, 0.23
HSL	221°, 54%, 51%
HSV	221°, 69%, 77%
XYZ	17.0541, 15.1265, 54.8442
YIQ	102.3320, -55.7560, 19.2840

Conversions

Conversions Part 2

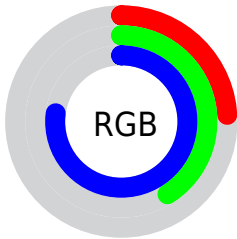
Format	Color
R_{YB}	61, 94, 197
Decimal	4024773
CIE _{Lab}	45.81, 15.60, -52.57
CIE _{LCh}	46, 54.833, 286.531
Yxy	15.1265, 0.1960, 0.1738
Android (android.graphics.Color)	4282214853 (0xFF3D69C5)
YUV	102.3320, 46.6713, -36.2482
Hunter-Lab	38.8928, 10.2080, -56.3821

Details

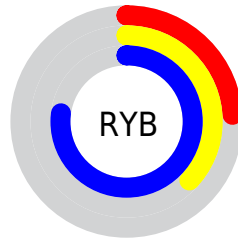
The XYZ color **17.0541, 15.1265, 54.8442** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **35.2612, 34.9925, 9.3118**, and the grayscale version is **12.6091, 13.2657, 14.4464**.

A 20% lighter version of the original color is **37.9462, 35.1436, 98.5494**, and **6.4464, 5.0809, 26.2321** is the 20% darker color. If you saturate the color by 10%, you get **14.8039, 12.1069, 54.3803**, and if you desaturate by 10%, it is **19.9637, 18.8020, 55.4006**.

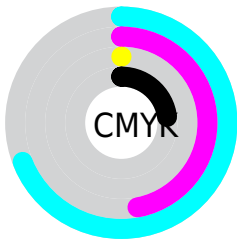
Distribution



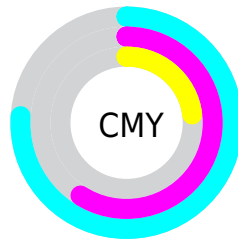
- Red (24%)
- Green (41%)
- Blue (77%)



- Red (24%)
- Yellow (37%)
- Blue (77%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (23%)



- Cyan (76%)
- Magenta (59%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0541, 15.1265, 54.8442 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 17.0541, 15.1265, 54.8442 by changing the saturation by 10% instead.

■ 17.0541, 15.1265,
54.8442

■ 17.0541, 15.1265,
54.8442

228.6341,
224.1306, 422.5864

■ 10.3686, 8.9082,
38.8792

■ 37.9616, 35.0749,
98.7815

■ 5.7082, 4.6814,
26.3587

■ 52.9144, 49.5739,
127.5909

■ 2.7074, 2.0615,
16.8640

■ 71.3536, 67.6019,
161.5189

■ 1.0010, 0.6429,
9.9766

■ 93.6446, 89.5432,
200.9840

■ 0.0000, 0.0000,
5.2781

■ 120.1528,
115.7824, 246.4048

■ 0.0000, 0.0000,
2.3497

151.2436,

■ 0.0000, 0.0000,

146.7037, 298.1997

0.7589

187.2822,
182.6917, 356.7874

■ 0.0000, 0.0000,
0.0000

■ 17.0541, 15.1265,
54.8442

■ 17.0541, 15.1265,
54.8442

■ 14.8039, 12.1069,
54.3803

■ 19.9637, 18.8020,
55.4006

■ 13.1495, 9.6956,
54.0021

■ 23.5835, 23.1731,
56.0536

■ 11.9934, 7.8264,
53.7022

■ 27.9616, 28.2776,
56.8081

■ 11.8962, 7.6675,
53.6767

■ 33.1409, 34.1496,
57.6685

■ 39.1608, 40.8213,
58.6390

■ 46.0583, 48.3228,
59.7234

■ 53.8678, 56.6824,
60.9253

■ 62.6222, 65.9272,
62.2484

■ 72.3524, 76.0830,
63.6958

Harmonies

Analogous

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



12.4071, 15.1265, 55.6321



17.0541, 15.1265, 54.8442



21.8305, 15.1265, 40.8837

Triad

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



17.0541, 15.1265, 54.8442



21.3903, 15.1265, 4.0512



7.3567, 15.1265, 11.2297

Complementary

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



17.0541, 15.1265, 54.8442



35.2612, 34.9925, 9.3118

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.



8.8489, 15.1265, 4.4402



17.0541, 15.1265, 54.8442



16.5457, 15.1265, 2.0538

Square

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



17.0541, 15.1265, 54.8442



24.6776, 15.1265, 10.2434



11.9963, 15.1265, 2.1428



7.4355, 15.1265, 24.8153

Rectangle

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



17.0541, 15.1265, 54.8442



24.1546, 15.1265, 28.8122



11.9963, 15.1265, 2.1428



7.6748, 15.1265, 8.2780

Sweetspot

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



17.0548, 15.1270, 54.8446



67.5309, 70.2447, 104.6071



27.5319, 43.1813, 36.4479



13.7954, 14.3068, 22.2843



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.



17.0548, 15.1270, 54.8446



24.8351, 19.2893, 97.0220



15.3743, 9.2394, 53.7968



10.3322, 10.8384, 13.4649



7.8925, 5.1790, 35.3280



0.4399, 0.3777, 1.6949

Inverse Universe

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



27.2452, 16.2287, 15.0613



45.0311, 24.1791, 17.5696



38.3393, 49.3070, 11.9126



10.7729, 10.6926, 11.7876



15.7831, 8.0628, 4.0678



0.7808, 0.3951, 0.3686

Previews

White Background



This preview shows how the XYZ color 17.0541, 15.1265, 54.8442 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 17.0541, 15.1265, 54.8442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

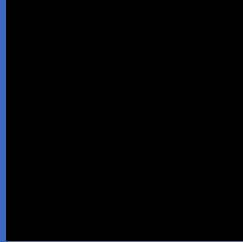
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0541, 15.1265, 54.8442

Background



This preview shows how black text looks on a background with the XYZ color 17.0541, 15.1265, 54.8442.



This preview shows how white text looks on a background with the XYZ color 17.0541, 15.1265,

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

17.0541, 15.1265, 54.8442

Protanopia

17.1162, 15.1585, 54.8471

Deuteranopia

15.4263, 15.0920, 53.7298



Tritanopia

10.6789, 15.0179, 23.1048

Trichromacy



Original Color

17.0541, 15.1265, 54.8442

Protanomaly

17.1162, 15.1585, 54.8471

Deuteranomaly

15.6572, 14.8812, 54.2717

Tritanomaly

12.2943, 14.7651, 32.7738

Monochromacy



Original Color

17.0541, 15.1265, 54.8442

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2961, 13.5329, 25.5782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0541, 15.1265, 54.8442 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(61, 105, 197)` looks like.

```
.text, #text, p{  
    color:rgb(61, 105, 197)  
}
```

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(61, 105, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 105, 197) }
```

Border

The CSS property to change the border of an element to XYZ 17.0541, 15.1265, 54.8442 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(61, 105, 197) }
```


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

```
.border{ border-color:rgb(61, 105, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 105, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 105, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 105, 197);  
box-shadow:4px 4px 4px 4px rgb(61, 105,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0541, 15.1265, 54.8442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 105, 197) }
```

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

```
.background{ background-color: rgb(61, 105,  
197) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor