

Converting Colors

XYZ(17.2723, 14.7933, 50.7097)

Have a look what the booklet for
XYZ(17.2723, 14.7933, 50.7097)
contains.

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Color

**XYZ(17.2562, 14.7305,
50.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	5065BE
RGB	80, 101, 190
RGB Percent	31%, 40%, 75%
CMY	0.6863, 0.6039, 0.2549
CMYK	0.58, 0.47, 0.00, 0.25
HSL	229°, 46%, 53%
HSV	229°, 58%, 75%
XYZ	17.2562, 14.7305, 50.6490
YIQ	104.8670, -41.0850, 23.2270

Conversions

Conversions Part 2

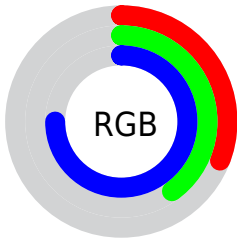
Format	Color
R_{YB}	80, 98, 190
Decimal	5268926
CIE _{Lab}	45.26, 19.06, -49.34
CIE _{LCh}	45, 52.892, 291.119
Yxy	14.7305, 0.2088, 0.1783
Android (android.graphics.Color)	4283459006 (0xFF5065BE)
YUV	104.8670, 41.9706, -21.8084
Hunter-Lab	38.3803, 13.0899, -51.3764

Details

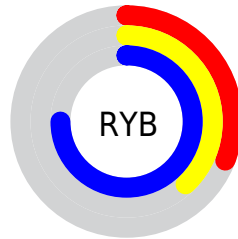
The XYZ color **17.2562, 14.7305, 50.6490** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **36.8725, 39.9044, 13.3494**, and the grayscale version is **13.2900, 13.9821, 15.2265**.

A 20% lighter version of the original color is **38.3333, 34.4902, 92.6326**, and **5.8226, 4.5164, 23.8574** is the 20% darker color. If you saturate the color by 10%, you get **14.5173, 11.3062, 50.1327**, and if you desaturate by 10%, it is **20.7292, 18.9479, 51.2803**.

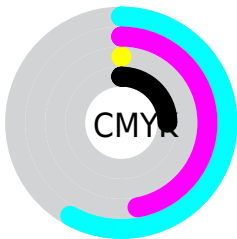
Distribution



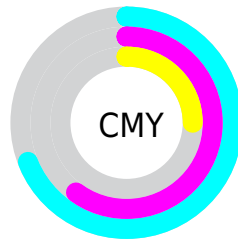
- Red (31%)
- Green (40%)
- Blue (75%)



- Red (31%)
- Yellow (38%)
- Blue (75%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (69%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2562, 14.7305, 50.6490 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 17.2562, 14.7305, 50.6490 by changing the saturation by 10% instead.

■ 17.2562, 14.7305,
50.6490

■ 17.2562, 14.7305,
50.6490

229.7721,
221.7292, 406.0061

■ 10.5138, 8.6305,
35.5546

■ 38.3059, 34.3797,
92.5419

■ 5.8058, 4.5009,
23.8034

■ 53.3438, 48.6977,
120.1775

■ 2.7669, 1.9575,
14.9770

■ 71.8776, 66.5237,
152.8304

■ 1.0317, 0.5826,
8.6568

■ 94.2726, 88.2422,
190.9194

■ 0.0000, 0.0000,
4.4243

120.8942,
114.2377, 234.8629

■ 0.0000, 0.0000,
1.8609

152.1077,

■ 0.0000, 0.0000,

144.8944, 285.0795

0.4677

188.2786,
180.5967, 341.9877

■ 0.0000, 0.0000,
0.0000

■ 17.2562, 14.7305,
50.6490

■ 17.2562, 14.7305,
50.6490

■ 14.5173, 11.3062,
50.1327

■ 20.7292, 18.9479,
51.2803

■ 12.4555, 8.6222,
49.7233

■ 24.9834, 24.0039,
52.0320

■ 11.0083, 6.6210,
49.4133

■ 30.0644, 29.9417,
52.9103

■ 10.0868, 5.2281,
49.1931

■ 36.0134, 36.8015,
53.9208

■ 9.9333, 4.9957,
49.1563

■ 42.8690, 44.6207,
55.0688

■ 50.6674, 53.4346,
56.3590

■ 59.4427, 63.2769,
57.7963

■ 69.2275, 74.1796,
59.3850

■ 80.0527, 86.1731,
61.1294

Harmonies

Analogous

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



12.7418, 14.7305, 53.5647



17.2562, 14.7305, 50.6490



21.6243, 14.7305, 36.4153

Triad

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



17.2562, 14.7305, 50.6490



19.9737, 14.7305, 3.6440



7.2251, 14.7305, 12.5993

Complementary

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



17.2562, 14.7305, 50.6490



36.8725, 39.9044, 13.3494

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.



8.4198, 14.7305, 5.1705



17.2562, 14.7305, 50.6490



15.3403, 14.7305, 2.0688

Square

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



17.2562, 14.7305, 50.6490



23.4067, 14.7305, 8.8298



11.1831, 14.7305, 2.4270



7.5279, 14.7305, 26.3809

Rectangle

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



17.2562, 14.7305, 50.6490



23.5653, 14.7305, 25.1679



11.1831, 14.7305, 2.4270



7.4538, 14.7305, 9.4371

Sweetspot

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



17.2568, 14.7310, 50.6494



65.9789, 67.5120, 97.8328



28.7904, 41.3601, 43.5125



13.9737, 14.2347, 21.3964



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



17.2568, 14.7310, 50.6494



25.3732, 19.2933, 90.6658



18.9740, 12.9669, 50.2184



9.1600, 9.5122, 12.0255



6.6489, 3.4096, 32.7006



0.3055, 0.2236, 1.2959

Inverse Universe

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



26.4534, 17.6250, 14.3198



43.8868, 26.2104, 17.2862



33.7668, 44.5748, 14.4146



9.6026, 9.5653, 10.2963



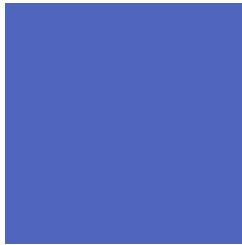
14.3568, 7.3739, 1.9068



0.5851, 0.2979, 0.1944

Previews

White Background



This preview shows how the XYZ color 17.2562, 14.7305, 50.6490 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 17.2562, 14.7305, 50.6490 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 17.2562, 14.7305, 50.6490

Background



This preview shows how black text looks on a background with the XYZ color 17.2562, 14.7305, 50.6490.



This preview shows how white text looks on a background with the XYZ color 17.2562, 14.7305,

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

17.2562, 14.7305, 50.6490

Protanopia

16.6259, 14.8076, 52.4340

Deuteranopia

15.1328, 14.7133, 49.6193



Tritanopia

11.4153, 14.7283, 21.6432

Trichromacy



Original Color

17.2562, 14.7305, 50.6490

Protanomaly

16.8189, 14.7715, 51.8339

Deuteranomaly

15.6021, 14.4811, 50.1169

Tritanomaly

13.1592, 14.5956, 30.5574

Monochromacy



Original Color

17.2562, 14.7305, 50.6490

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

14.2181, 14.1650, 25.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2562, 14.7305, 50.6490 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(80, 101, 190)` looks like.

```
.text, #text, p{  
    color:rgb(80, 101, 190)  
}
```

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(80, 101, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 101, 190) }
```

Border

The CSS property to change the border of an element to XYZ 17.2562, 14.7305, 50.6490 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(80, 101, 190) }
```


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

```
.border{ border-color:rgb(80, 101, 190) }
```

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

Here you see how a box with a 4 pixel rgb(80, 101, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 101, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 101, 190);  
box-shadow:4px 4px 4px 4px rgb(80, 101,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2562, 14.7305, 50.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 101, 190) }
```

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

```
.background{ background-color: rgb(80, 101,  
190) }
```

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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