

Converting Colors

XYZ(17.4634, 13.2939, 54.4688)

Have a look what the booklet for
XYZ(17.4634, 13.2939, 54.4688)
contains.

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Color

**XYZ(17.4805, 13.2748,
54.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	555AC5
RGB	85, 90, 197
RGB Percent	33%, 35%, 77%
CMY	0.6666, 0.6471, 0.2274
CMYK	0.57, 0.54, 0.00, 0.23
HSL	237°, 49%, 55%
HSV	237°, 57%, 77%
XYZ	17.4805, 13.2748, 54.4643
YIQ	100.7030, -37.3270, 32.2170

Conversions

Conversions Part 2

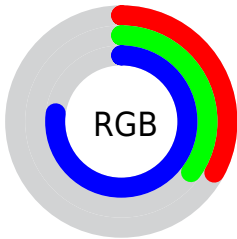
Format	Color
R_{YB}	85, 90, 197
Decimal	5593797
CIE _{Lab}	43.17, 29.28, -56.74
CIE _{LCh}	43, 63.847, 297.297
Yxy	13.2748, 0.2051, 0.1558
Android (android.graphics.Color)	4283783877 (0xFF555AC5)
YUV	100.7030, 47.4744, -13.7715
Hunter-Lab	36.4346, 21.8797, -63.1255

Details

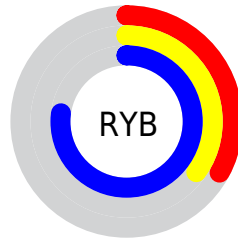
The XYZ color **17.4805, 13.2748, 54.4643** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **43.5169, 50.2281, 15.9969**, and the grayscale version is **12.1824, 12.8168, 13.9575**.

A 20% lighter version of the original color is **38.5952, 31.7516, 97.8604**, and **5.9085, 3.8749, 26.0277** is the 20% darker color. If you saturate the color by 10%, you get **14.5430, 9.6948, 53.9284**, and if you desaturate by 10%, it is **21.3189, 17.9160, 55.1581**.

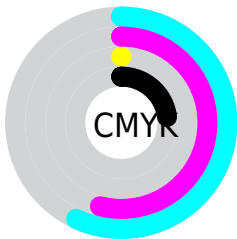
Distribution



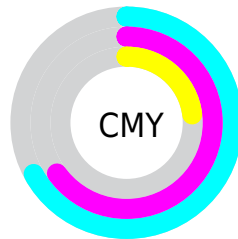
- Red (33%)
- Green (35%)
- Blue (77%)



- Red (33%)
- Yellow (35%)
- Blue (77%)



- Cyan (57%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (65%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4805, 13.2748, 54.4643 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 17.4805, 13.2748, 54.4643 by changing the saturation by 10% instead.

■ 17.4805, 13.2748,
54.4643

■ 17.4805, 13.2748,
54.4643

231.0290,
212.6714, 421.1026

■ 10.6751, 7.6180,
38.5773

■ 38.6872, 31.7966,
98.2189

■ 5.9145, 3.8515,
26.1257

■ 53.8191, 45.4304,
126.9236

■ 2.8333, 1.5909,
16.6911

■ 72.4573, 62.4921,
160.7378

■ 1.0662, 0.3514,
9.8549

■ 94.9671, 83.3659,
200.0803

■ 0.0000, 0.0000,
5.1985

■ 121.7137,
108.4364, 245.3695

■ 0.0000, 0.0000,
2.3034

153.0627,

■ 0.0000, 0.0000,

138.0879, 297.0239

0.7331

189.3794,
172.7047, 355.4621

■ 0.0000, 0.0000,
0.0000

■ 17.4805, 13.2748,
54.4643

■ 17.4805, 13.2748,
54.4643

■ 14.5430, 9.6948,
53.9284

■ 21.3189, 17.9160,
55.1581

■ 12.4311, 7.0910,
53.5371

■ 26.1218, 23.6921,
56.0199

■ 11.0605, 5.3673,
53.2767

■ 31.9488, 30.6714,
57.0599

■ 10.3226, 4.4049,
53.1298

■ 38.8547, 38.9167,
58.2875

■ 10.1735, 4.2220,
53.1024

■ 46.8899, 48.4864,
59.7111

■ 56.1020, 59.4350,
61.3389

■ 66.5356, 71.8144,
63.1784

■ 78.2331, 85.6734,
65.2369

■ 87.0781, 96.8112,
66.9206

Harmonies

Analogous

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



12.1757, 13.2748, 62.0343



17.4805, 13.2748, 54.4643



22.3878, 13.2748, 34.6310

Triad

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



17.4805, 13.2748, 54.4643



18.4601, 13.2748, 1.5335



5.3220, 13.2748, 13.2116

Complementary

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



17.4805, 13.2748, 54.4643



43.5169, 50.2281, 15.9969

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.



6.2057, 13.2748, 4.1912



17.4805, 13.2748, 54.4643



13.0695, 13.2748, 0.7454

Square

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



17.4805, 13.2748, 54.4643



23.0491, 13.2748, 5.2393



8.7518, 13.2748, 1.2642



5.9314, 13.2748, 30.8117

Rectangle

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



17.4805, 13.2748, 54.4643



24.3013, 13.2748, 21.2800



8.7518, 13.2748, 1.2642



5.4475, 13.2748, 9.2703

Sweetspot

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



17.4811, 13.2752, 54.4647



69.0418, 69.0476, 104.2964



33.1613, 45.6436, 56.5841



14.2068, 14.0980, 22.2224



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.



17.4811, 13.2752, 54.4647



25.0952, 16.1964, 96.4113



23.3837, 15.7135, 54.6242



10.0940, 10.3621, 13.3856



6.7078, 2.8095, 34.9331



0.3312, 0.1601, 1.6586

Inverse Universe

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



28.1205, 19.1064, 11.8788



46.0444, 27.9613, 12.4951



33.5678, 46.7551, 15.8509



10.6527, 10.6445, 11.1545



15.1851, 7.8236, 0.9188



0.7258, 0.3732, 0.0795

Previews

White Background



This preview shows how the XYZ color 17.4805, 13.2748, 54.4643 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 17.4805, 13.2748, 54.4643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

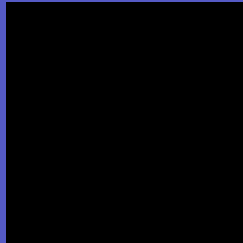
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4805, 13.2748, 54.4643

Background



This preview shows how black text looks on a background with the XYZ color 17.4805, 13.2748, 54.4643.



This preview shows how white text looks on a background with the XYZ color 17.4805, 13.2748,

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

17.4805, 13.2748, 54.4643

Protanopia

15.8616, 13.3738, 60.1379

Deuteranopia

13.3938, 13.2780, 46.1130



Tritanopia

10.4270, 13.2680, 19.4642

Trichromacy



Original Color

17.4805, 13.2748, 54.4643

Protanomaly

15.9984, 13.0771, 58.1808

Deuteranomaly

13.9966, 12.8028, 48.7472

Tritanomaly

12.2967, 12.9309, 29.4516

Monochromacy



Original Color

17.4805, 13.2748, 54.4643

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.4379, 12.7599, 25.0472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4805, 13.2748, 54.4643 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(85, 90, 197)` looks like.

```
.text, #text, p{  
    color:rgb(85, 90, 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(85, 90, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 90, 197) }
```

Border

The CSS property to change the border of an element to XYZ 17.4805, 13.2748, 54.4643 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(85, 90, 197) }
```


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

```
.border{ border-color:rgb(85, 90, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 90, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 90, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 90, 197);  
box-shadow:4px 4px 4px 4px rgb(85, 90,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4805, 13.2748, 54.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 90, 197) }
```

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

```
.background{ background-color: rgb(85, 90,  
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](#).

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