

Converting Colors

XYZ(19.1565, 15.5368, 48.5273)

Have a look what the booklet for
XYZ(19.1565, 15.5368, 48.5273)
contains.

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Color

**XYZ(19.1505, 15.4721,
48.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	6963BA
RGB	105, 99, 186
RGB Percent	41%, 39%, 73%
CMY	0.5882, 0.6118, 0.2706
CMYK	0.44, 0.47, 0.00, 0.27
HSL	244°, 39%, 56%
HSV	244°, 47%, 73%
XYZ	19.1505, 15.4721, 48.4314
YIQ	110.7120, -24.3510, 28.3290

Conversions

Conversions Part 2

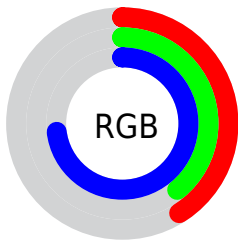
Format	Color
R_{YB}	105, 99, 186
Decimal	6906810
CIE _{Lab}	46.27, 24.70, -45.30
CIE _{LCh}	46, 51.597, 298.602
Yxy	15.4721, 0.2306, 0.1863
Android (android.graphics.Color)	4285096890 (0xFF6963BA)
YUV	110.7120, 37.1170, -5.0094
Hunter-Lab	39.3346, 18.0693, -45.4676

Details

The XYZ color **19.1505, 15.4721, 48.4314** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **38.6331, 45.7219, 18.5938**, and the grayscale version is **14.9278, 15.7052, 17.1029**.

A 20% lighter version of the original color is **41.5812, 35.7573, 89.5043**, and **6.7082, 4.8000, 22.4027** is the 20% darker color. If you saturate the color by 10%, you get **15.7561, 11.4009, 47.8248**, and if you desaturate by 10%, it is **23.3661, 20.5694, 49.1934**.

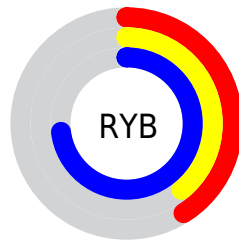
Distribution



Red (41%)

Green (39%)

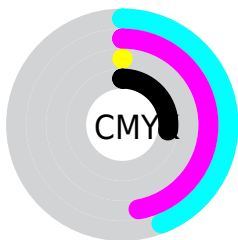
Blue (73%)



Red (41%)

Yellow (39%)

Blue (73%)

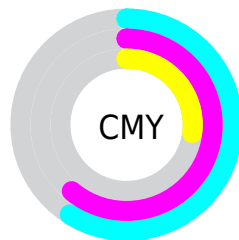


Cyan (44%)

Magenta (47%)

Yellow (0%)

Black (27%)



Cyan (59%)

Magenta (61%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1505, 15.4721, 48.4314 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 19.1505, 15.4721, 48.4314 by changing the saturation by 10% instead.

■ 19.1505, 15.4721,
48.4314

■ 19.1505, 15.4721,
48.4314

240.2005,
226.2062, 397.0575

■ 11.8837, 9.1514,
33.8062

■ 41.5032, 35.6793,
89.2186

■ 6.7362, 4.8401,
22.4686

■ 57.3198, 50.3345,
116.2177

■ 3.3425, 2.1537,
14.0000

■ 76.7170, 68.5368,
148.1785

■ 1.3374, 0.6946,
7.9819

■ 100.0603, 90.6703,
185.5196

■ 0.2109, 0.0000,
3.9958

127.7149,
117.1197, 228.6595

■ 0.0000, 0.0000,
1.6230

160.0463,

■ 0.0000, 0.0000,

148.2692, 278.0168

0.3072

197.4197,
184.5032, 334.0099

■ 0.0000, 0.0000,
0.0000

■ 19.1505, 15.4721,
48.4314

■ 19.1505, 15.4721,
48.4314

■ 15.7561, 11.4009,
47.8248

■ 23.3661, 20.5694,
49.1934

■ 13.1274, 8.2848,
47.3619

■ 28.4498, 26.7543,
50.1193

■ 11.2052, 6.0460,
47.0310

■ 34.4470, 34.0854,
51.2182

■ 9.9206, 4.5939,
46.8185

■ 41.3996, 42.6164,
52.4984

■ 9.1855, 3.8082,
46.7056

■ 49.3469, 52.3979,
53.9676

■ 9.0265, 3.6295,
46.6795

■ 58.3258, 63.4774,
55.6329

■ 68.3715, 75.9000,
57.5012

■ 79.5174, 89.7086,
59.5791

■ 85.8630, 96.3252,
60.5218

Harmonies

Analogous

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



14.4998, 15.4721, 54.6584



19.1505, 15.4721, 48.4314



23.1969, 15.4721, 32.9318

Triad

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



19.1505, 15.4721, 48.4314



19.5811, 15.4721, 3.4566



7.7528, 15.4721, 16.2608

Complementary

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



19.1505, 15.4721, 48.4314



38.6331, 45.7219, 18.5938

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.



8.5899, 15.4721, 7.0969



19.1505, 15.4721, 48.4314



14.9137, 15.4721, 2.3631

Square

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



19.1505, 15.4721, 48.4314



23.4784, 15.4721, 7.6894



11.0082, 15.4721, 3.2546



8.4462, 15.4721, 31.3530

Rectangle

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



19.1505, 15.4721, 48.4314



24.6837, 15.4721, 22.1165



11.0082, 15.4721, 3.2546



7.8608, 15.4721, 12.4882

Sweetspot

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



19.1511, 15.4726, 48.4318



65.4732, 65.5021, 93.3938



30.3705, 38.9215, 52.3665



13.8458, 13.7230, 20.4616



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



19.1511, 15.4726, 48.4318



28.4755, 20.5655, 86.6701



25.5922, 18.7931, 48.7332



8.5770, 8.7483, 11.3160



6.0972, 2.4544, 31.4055



0.2344, 0.0966, 1.1080

Inverse Universe

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



32.9498, 22.6583, 45.8157



56.6111, 35.2285, 80.8243



30.0788, 41.3120, 18.1934



9.3535, 9.1518, 11.2087



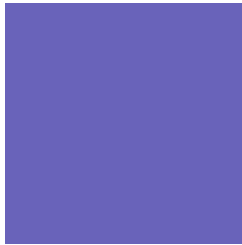
18.7201, 9.0618, 27.4767



0.6680, 0.3227, 1.0111

Previews

White Background



This preview shows how the XYZ color 19.1505, 15.4721, 48.4314 looks on a white background.

Color Contrast Check

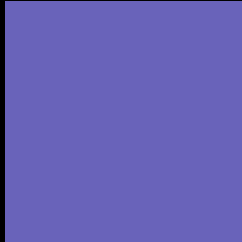
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1505, 15.4721, 48.4314 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 19.1505, 15.4721, 48.4314

Background



This preview shows how black text looks on a background with the XYZ color 19.1505, 15.4721, 48.4314.



This preview shows how white text looks on a background with the XYZ color 19.1505, 15.4721,

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

19.1505, 15.4721, 48.4314

Protanopia

17.3376, 15.6309, 52.5553

Deuteranopia

15.9268, 15.5006, 46.9522



Tritanopia

13.7123, 15.5885, 21.0251

Trichromacy



Original Color

19.1505, 15.4721, 48.4314

Protanomaly

17.7243, 15.4122, 50.7559

Deuteranomaly

16.7863, 15.3053, 47.4169

Tritanomaly

15.3763, 15.4455, 29.3650

Monochromacy



Original Color

19.1505, 15.4721, 48.4314

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.1518, 15.6016, 26.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1505, 15.4721, 48.4314 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(105, 99, 186)` looks like.

```
.text, #text, p{  
    color:rgb(105, 99, 186)  
}
```

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(105, 99, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 99, 186) }
```

Border

The CSS property to change the border of an element to XYZ 19.1505, 15.4721, 48.4314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

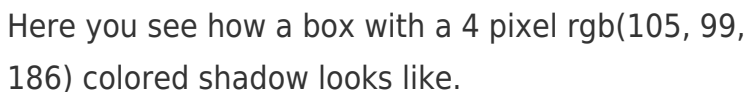
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 99, 186) }
```


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

```
.border{ border-color:rgb(105, 99, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 99, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 99, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 99, 186); box-shadow:4px 4px 4px 4px rgb(105, 99, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1505, 15.4721, 48.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 99, 186) }
```

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

```
.background{ background-color: rgb(105, 99,  
186) }
```

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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