

Converting Colors

XYZ(10.5362, 5.1453, 48.5822)

Have a look what the booklet for
XYZ(10.5362, 5.1453, 48.5822)
contains.

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Color

**XYZ(10.5385, 5.1385,
48.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	2720BD
RGB	39, 32, 189
RGB Percent	15%, 13%, 74%
CMY	0.8470, 0.8745, 0.2588
CMYK	0.79, 0.83, 0.00, 0.26
HSL	243°, 71%, 43%
HSV	243°, 83%, 74%
XYZ	10.5385, 5.1385, 48.5805
YIQ	51.9910, -46.2250, 50.3110

Conversions

Conversions Part 2

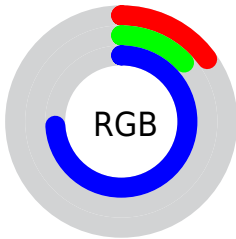
Format	Color
R_{YB}	39, 32, 189
Decimal	2564285
CIE _{Lab}	27.13, 54.32, -78.47
CIE _{LCh}	27, 95.437, 304.692
Yxy	5.1385, 0.1640, 0.0800
Android (android.graphics.Color)	4280754365 (0xFF2720BD)
YUV	51.9910, 67.5454, -11.3931
Hunter-Lab	22.6683, 43.3154, -111.1970

Details

The XYZ color **10.5385, 5.1385, 48.5805** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **37.7463, 46.4429, 8.3412**, and the grayscale version is **3.1899, 3.3561, 3.6547**.

A 20% lighter version of the original color is **26.4130, 16.0450, 89.7006**, and **4.3031, 1.7212, 22.6597** is the 20% darker color. If you saturate the color by 10%, you get **9.6388, 4.1234, 48.4322**, and if you desaturate by 10%, it is **12.0558, 6.9046, 48.8416**.

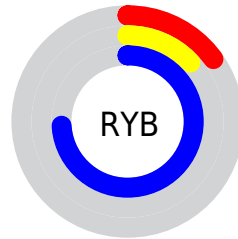
Distribution



 Red (15%)

 Green (13%)

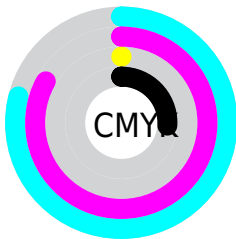
 Blue (74%)




 Red (15%)

 Yellow (13%)

 Blue (74%)

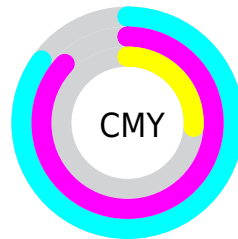


 Cyan (79%)

 Magenta (83%)

 Yellow (0%)

 Black (26%)



 Cyan (85%)

 Magenta (87%)

 Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5385, 5.1385, 48.5805 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 10.5385, 5.1385, 48.5805 by changing the saturation by 10% instead.

■ 10.5385, 5.1385,
48.5805

■ 10.5385, 5.1385,
48.5805

188.4478,
151.1515, 397.6634

■ 5.8224, 2.3288,
33.9236

■ 26.4441, 16.1156,
89.4426

■ 2.7770, 0.7889,
22.5580

■ 38.3644, 25.0517,
116.4849

■ 1.0370, 0.0000,
14.0653

■ 53.4168, 36.7987,
148.4927

■ 0.0000, 0.0000,
8.0268

■ 71.9667, 51.7411,
185.8845

■ 0.0000, 0.0000,
4.0241

■ 94.3793, 70.2631,
229.0790


■ 0.0000, 0.0000,
1.6386

■ 121.0202, 92.7493,


■ 0.0000, 0.0000,


278.4946

0.3181

 152.2546,
119.5839, 334.5499


 0.0000, 0.0000,
0.0000

 10.5385, 5.1385,
48.5805


 10.5385, 5.1385,
48.5805


 9.6388, 4.1234,
48.4322

 12.0558, 6.9046,
48.8416

 9.2910, 3.7286,
48.3743

 14.2741, 9.5299,
49.2314

 17.2648, 13.1050,
49.7639

 21.0905, 17.7091,
50.4509

 25.8072, 23.4131,
51.3033

■ 31.4661, 30.2814,
52.3308

■ 38.1145, 38.3738,
53.5423

■ 45.7966, 47.7457,
54.9464

■ 54.5539, 58.4493,
56.5508

Harmonies

Analogous

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



5.5255, 5.1385, 66.2470



10.5385, 5.1385, 48.5805



15.3292, 5.1385, 20.7826

Triad

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



10.5385, 5.1385, 48.5805



8.8573, 5.1385, 0.0000



0.5323, 5.1385, 7.5485

Complementary

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



10.5385, 5.1385, 48.5805



37.7463, 46.4429, 8.3412

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.



0.7481, 5.1385, 0.4174



10.5385, 5.1385, 48.5805



4.2942, 5.1385, 0.0000

Square

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



10.5385, 5.1385, 48.5805



14.0477, 5.1385, 0.0000



1.7317, 5.1385, 0.0000



0.9424, 5.1385, 28.9961

Rectangle

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



10.5385, 5.1385, 48.5805



16.8559, 5.1385, 7.8342



1.7317, 5.1385, 0.0000



0.5345, 5.1385, 3.8291

Sweetspot

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



10.5389, 5.1385, 48.5807



53.8395, 51.1764, 93.2666



26.8730, 38.1654, 54.0946



10.8005, 10.0614, 19.9154



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.



10.5389, 5.1385, 48.5807



16.5881, 6.6511, 86.6357



16.8686, 8.4016, 48.8769



9.0549, 9.2452, 11.9795



6.2686, 2.5177, 32.5485



0.2592, 0.1057, 1.2756

Inverse Universe

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



29.9448, 15.2285, 45.6092



52.4180, 25.3091, 79.8607



24.3152, 39.5189, 7.7126



9.9111, 9.6887, 11.9206



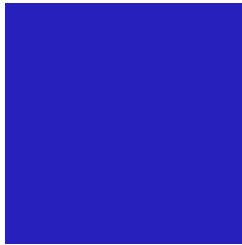
19.7091, 9.5148, 30.0913



0.7778, 0.3750, 1.2089

Previews

White Background



This preview shows how the XYZ color 10.5385, 5.1385, 48.5805 looks on a white background.

Color Contrast Check

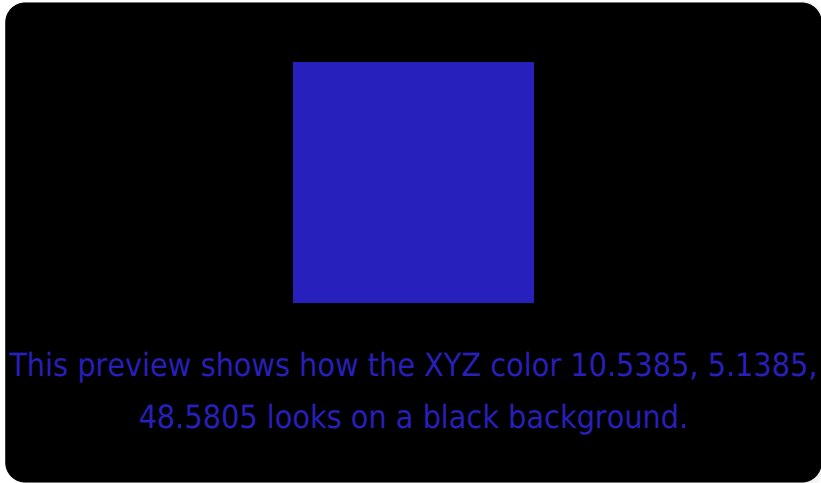
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

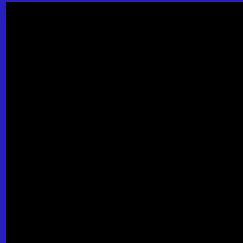
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5385, 5.1385, 48.5805

Background



This preview shows how black text looks on a background with the XYZ color 10.5385, 5.1385, 48.5805.



This preview shows how white text looks on a background with the XYZ color 10.5385, 5.1385,

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

10.5385, 5.1385, 48.5805

Protanopia

5.7519, 5.0570, 21.7920

Deuteranopia

4.8175, 5.0441, 15.7586



Tritanopia

3.5232, 5.0145, 7.4388

Trichromacy



Original Color

10.5385, 5.1385, 48.5805

Protanomaly

6.9508, 4.6954, 29.8181

Deuteranomaly

6.1605, 4.5958, 24.9885

Tritanomaly

4.7966, 4.2806, 17.0964

Monochromacy



Original Color

10.5385, 5.1385, 48.5805

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

4.5089, 3.4404, 12.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5385, 5.1385, 48.5805 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(39, 32, 189)` looks like.

```
.text, #text, p{  
  color:rgb(39, 32, 189)  
}
```

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(39, 32, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 32, 189) }
```

Border

The CSS property to change the border of an element to XYZ 10.5385, 5.1385, 48.5805 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(39, 32, 189) }
```


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

```
.border{ border-color:rgb(39, 32, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 32, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 32, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 32, 189);  
box-shadow:4px 4px 4px 4px rgb(39, 32,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5385, 5.1385, 48.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 32, 189) }
```

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

```
.background{ background-color: rgb(39, 32,  
189) }
```

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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