

Converting Colors

XYZ(14.4504, 11.0458, 56.8687)

Have a look what the booklet for
XYZ(14.4504, 11.0458, 56.8687)
contains.

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Color

**XYZ(14.4183, 11.0374,
56.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	2155C9
RGB	33, 85, 201
RGB Percent	13%, 33%, 79%
CMY	0.8705, 0.6667, 0.2118
CMYK	0.84, 0.58, 0.00, 0.21
HSL	221°, 72%, 46%
HSV	221°, 84%, 79%
XYZ	14.4183, 11.0374, 56.6288
YIQ	82.6760, -68.2280, 25.0520

Conversions

Conversions Part 2

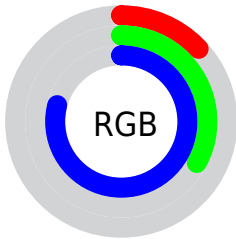
Format	Color
R_{YB}	33, 73, 201
Decimal	2184649
CIE _{Lab}	39.64, 26.82, -64.90
CIE _{LCh}	40, 70.225, 292.453
Yxy	11.0374, 0.1757, 0.1345
Android (android.graphics.Color)	4280374729 (0xFF2155C9)
YUV	82.6760, 58.3337, -43.5659
Hunter-Lab	33.2226, 19.3279, -77.8056

Details

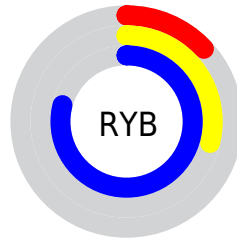
The XYZ color **14.4183, 11.0374, 56.6288** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **35.1124, 34.0277, 6.1574**, and the grayscale version is **8.0531, 8.4725, 9.2265**.

A 20% lighter version of the original color is **32.7594, 27.4583, 98.1811**, and **5.9812, 3.6612, 27.5856** is the 20% darker color. If you saturate the color by 10%, you get **12.9683, 8.8237, 56.2782**, and if you desaturate by 10%, it is **16.4675, 13.8781, 57.0694**.

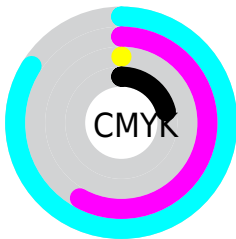
Distribution



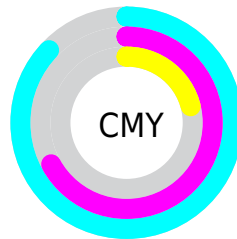
- Red (13%)
- Green (33%)
- Blue (79%)



- Red (13%)
- Yellow (29%)
- Blue (79%)



- Cyan (84%)
- Magenta (58%)
- Yellow (0%)
- Black (21%)



- Cyan (87%)
- Magenta (67%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4183, 11.0374, 56.6288 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 14.4183, 11.0374, 56.6288 by changing the saturation by 10% instead.

■ 14.4183, 11.0374,
56.6288

■ 14.4183, 11.0374,
56.6288

213.2767,
197.9240, 429.5116

■ 8.4958, 6.0920,
40.2999

■ 33.4095, 27.7293,
101.4183

■ 4.4683, 2.9011,
27.4569

■ 47.2090, 40.2446,
130.7160

■ 1.9703, 1.0803,
17.6812

■ 64.3648, 56.0520,
165.1737

■ 0.6172, 0.0000,
10.5543

■ 85.2423, 75.5358,
205.2100

■ 0.0000, 0.0000,
5.6576

■ 110.2069, 99.0806,
251.2434

■ 0.0000, 0.0000,
2.5726

139.6239,

■ 0.0000, 0.0000,

127.0706, 303.6925

0.8783

173.8588,
159.8902, 362.9757

■ 0.0000, 0.0000,
0.0000

■ 14.4183, 11.0374,
56.6288

■ 14.4183, 11.0374,
56.6288

■ 12.9683, 8.8237,
56.2782

■ 16.4675, 13.8781,
57.0694

■ 12.2762, 7.6842,
56.0948

■ 19.1851, 17.3988,
57.6057

■ 22.6319, 21.6467,
58.2440

■ 26.8607, 26.6639,
58.9895

■ 31.9190, 32.4892,
59.8473

■ 37.8506, 39.1583,
60.8220

■ 44.6959, 46.7046,
61.9178

■ 52.4927, 55.1600,
63.1389

■ 61.2768, 64.5543,
64.4892

Harmonies

Analogous

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



9.3263, 11.0374, 61.7565



14.4183, 11.0374, 56.6288



19.6240, 11.0374, 36.3420

Triad

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



14.4183, 11.0374, 56.6288



17.1681, 11.0374, 0.8860



3.7506, 11.0374, 8.8742

Complementary

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



14.4183, 11.0374, 56.6288



35.1124, 34.0277, 6.1574

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.



4.7495, 11.0374, 2.0425



14.4183, 11.0374, 56.6288



11.7482, 11.0374, 0.0000

Square

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



14.4183, 11.0374, 56.6288



21.5195, 11.0374, 4.4938



7.3502, 11.0374, 0.2412



4.0710, 11.0374, 25.1774

Rectangle

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



14.4183, 11.0374, 56.6288



21.9579, 11.0374, 21.8596



7.3502, 11.0374, 0.2412



3.9292, 11.0374, 5.6880

Sweetspot

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



14.4189, 11.0377, 56.6291



62.8875, 64.9063, 103.8214



26.8444, 44.2291, 35.0585



12.6694, 13.0058, 22.0926



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.



14.4189, 11.0377, 56.6291



20.8396, 12.7991, 95.9799



13.1892, 6.3894, 55.7967



10.3200, 10.8140, 13.4609



7.7910, 4.9760, 35.2942



0.4341, 0.3660, 1.6929

Inverse Universe

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



26.2715, 14.1621, 9.9432



42.6480, 21.8232, 9.3447



37.7830, 50.4521, 9.1869



10.7668, 10.6901, 11.7552



15.7319, 8.0423, 3.7980



0.7778, 0.3940, 0.3531

Previews

White Background



This preview shows how the XYZ color 14.4183, 11.0374, 56.6288 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 14.4183, 11.0374, 56.6288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

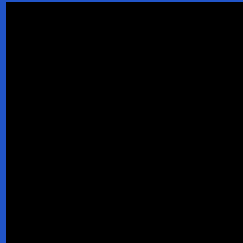
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4183, 11.0374, 56.6288

Background



This preview shows how black text looks on a background with the XYZ color 14.4183, 11.0374, 56.6288.



This preview shows how white text looks on a background with the XYZ color 14.4183, 11.0374,

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

14.4183, 11.0374, 56.6288

Protanopia

12.8666, 10.8625, 50.1337

Deuteranopia

10.7031, 10.8288, 36.1764



Tritanopia

7.6647, 10.8263, 16.4376

Trichromacy



Original Color

14.4183, 11.0374, 56.6288

Protanomaly

13.3789, 10.9527, 52.4479

Deuteranomaly

11.8285, 10.7347, 43.0435

Tritanomaly

9.2924, 10.4271, 27.5095

Monochromacy



Original Color

14.4183, 11.0374, 56.6288

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

9.1162, 8.9708, 20.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4183, 11.0374, 56.6288 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(33, 85, 201)` looks like.

```
.text, #text, p{  
    color:rgb(33, 85, 201)  
}
```

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(33, 85, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 85, 201) }
```

Border

The CSS property to change the border of an element to XYZ 14.4183, 11.0374, 56.6288 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(33, 85, 201) }
```


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

```
.border{ border-color:rgb(33, 85, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 85, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 85, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 85, 201);  
box-shadow:4px 4px 4px 4px rgb(33, 85,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4183, 11.0374, 56.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 85, 201) }
```

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

```
.background{ background-color: rgb(33, 85,  
201) }
```

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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