

Converting Colors

XYZ(14.0515, 11.4892, 54.6338)

Have a look what the booklet for
XYZ(14.0515, 11.4892, 54.6338)
contains.

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Color

**XYZ(14.1178, 11.5280,
54.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	135AC6
RGB	19, 90, 198
RGB Percent	7%, 35%, 78%
CMY	0.9254, 0.6471, 0.2235
CMYK	0.90, 0.55, 0.00, 0.22
HSL	216°, 82%, 43%
HSV	216°, 90%, 78%
XYZ	14.1178, 11.5280, 54.9071
YIQ	81.0830, -76.9840, 18.5360

Conversions

Conversions Part 2

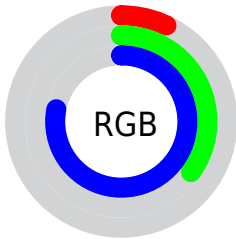
Format	Color
R_{YB}	19, 70, 198
Decimal	1268422
CIE _{Lab}	40.46, 21.45, -61.85
CIE _{LCh}	40, 65.468, 289.128
Yxy	11.5280, 0.1753, 0.1431
Android (android.graphics.Color)	4279458502 (0xFF135AC6)
YUV	81.0830, 57.6401, -54.4468
Hunter-Lab	33.9529, 14.8037, -72.1141

Details

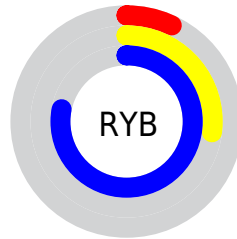
The XYZ color **14.1178, 11.5280, 54.9071** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **30.9999, 27.2396, 4.2413**, and the grayscale version is **7.7400, 8.1431, 8.8678**.

A 20% lighter version of the original color is **32.7621, 28.5100, 98.3840**, and **5.9349, 3.9372, 26.4337** is the 20% darker color. If you saturate the color by 10%, you get **12.9543, 9.5997, 54.5965**, and if you desaturate by 10%, it is **15.7697, 13.9978, 55.2971**.

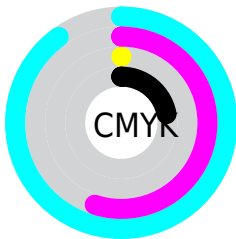
Distribution



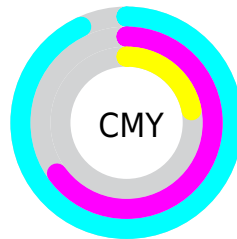
- Red (7%)
- Green (35%)
- Blue (78%)



- Red (7%)
- Yellow (27%)
- Blue (78%)



- Cyan (90%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1178, 11.5280, 54.9071 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 14.1178, 11.5280, 54.9071 by changing the saturation by 10% instead.

■ 14.1178, 11.5280,
54.9071

■ 14.1178, 11.5280,
54.9071

211.4584,
201.2550, 422.8317

■ 8.2849, 6.4232,
38.9292

■ 32.8824, 28.6325,
98.8746

■ 4.3311, 3.1041,
26.3973

■ 46.5448, 41.4009,
127.7014

■ 1.8911, 1.1863,
16.8927

■ 63.5478, 57.4927,
161.6482

■ 0.5717, 0.0505,
9.9968

■ 84.2567, 77.2921,
201.1335

■ 0.0000, 0.0000,
5.2913

■ 109.0369,
101.1837, 246.5760

■ 0.0000, 0.0000,
2.3575

138.2536,

■ 0.0000, 0.0000,

129.5518, 298.3942

0.7631

172.2724,
162.7807, 357.0066

■ 0.0000, 0.0000,
0.0000

■ 14.1178, 11.5280,
54.9071

■ 14.1178, 11.5280,
54.9071

■ 12.9543, 9.5997,
54.5965

■ 15.7697, 13.9978,
55.2971

■ 17.9805, 17.0071,
55.7614

■ 20.8114, 20.5973,
56.3052

■ 24.3138, 24.8045,
56.9326

■ 28.5336, 29.6613,
57.6477

■ 33.5121, 35.1977,
58.4539

■ 39.2874, 41.4416,
59.3547

■ 45.8948, 48.4191,
60.3533

■ 53.3675, 56.1549,
61.4526

Harmonies

Analogous

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



9.3722, 11.5280, 57.4702



14.1178, 11.5280, 54.9071



19.0969, 11.5280, 37.4897

Triad

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



14.1178, 11.5280, 54.9071



17.8225, 11.5280, 1.4895



4.3648, 11.5280, 8.3553

Complementary

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



14.1178, 11.5280, 54.9071



30.9999, 27.2396, 4.2413

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.



5.5380, 11.5280, 2.2029



14.1178, 11.5280, 54.9071



12.7111, 11.5280, 0.3816

Square

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



14.1178, 11.5280, 54.9071



21.6159, 11.5280, 5.9476



8.3072, 11.5280, 0.5522



4.5456, 11.5280, 22.8146

Rectangle

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



14.1178, 11.5280, 54.9071



21.4714, 11.5280, 23.9107



8.3072, 11.5280, 0.5522



4.5970, 11.5280, 5.5181

Sweetspot

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



14.1184, 11.5283, 54.9074



62.2443, 65.4942, 103.9688



24.2559, 42.0442, 26.7153



12.6042, 13.2337, 22.1400



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.



14.1184, 11.5283, 54.9074



22.7153, 16.5505, 96.6051



11.1868, 4.9360, 53.7895



10.3960, 10.9661, 13.4862



8.5028, 6.3996, 35.5315



0.4730, 0.4439, 1.7059

Inverse Universe

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



25.3677, 13.2108, 10.8857



43.5948, 22.2019, 14.3302



39.1585, 50.1512, 8.2337



10.8052, 10.7055, 11.9573



16.0912, 8.1860, 5.6900



0.7975, 0.4018, 0.4566

Previews

White Background



This preview shows how the XYZ color 14.1178, 11.5280, 54.9071 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 14.1178, 11.5280, 54.9071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

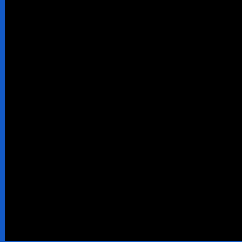
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1178, 11.5280, 54.9071

Background



This preview shows how black text looks on a background with the XYZ color 14.1178, 11.5280, 54.9071.



This preview shows how white text looks on a background with the XYZ color 14.1178, 11.5280,

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

14.1178, 11.5280, 54.9071

Protanopia

13.4787, 11.3772, 52.5246

Deuteranopia

11.3426, 11.3765, 38.6439



Tritanopia

8.0787, 11.4779, 17.1189

Trichromacy



Original Color

14.1178, 11.5280, 54.9071

Protanomaly

13.6790, 11.4675, 53.1222

Deuteranomaly

12.2270, 11.3053, 44.1855

Tritanomaly

9.6027, 11.1427, 27.6312

Monochromacy



Original Color

14.1178, 11.5280, 54.9071

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.5533, 8.6954, 20.2964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1178, 11.5280, 54.9071 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(19, 90, 198)` looks like.

```
.text, #text, p{  
    color:rgb(19, 90, 198)  
}
```

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(19, 90, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 90, 198) }
```

Border

The CSS property to change the border of an element to XYZ 14.1178, 11.5280, 54.9071 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(19, 90, 198) }
```


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

```
.border{ border-color:rgb(19, 90, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 90, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 90, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 90, 198);  
box-shadow:4px 4px 4px 4px rgb(19, 90,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1178, 11.5280, 54.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 90, 198) }
```

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

```
.background{ background-color: rgb(19, 90,  
198) }
```

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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