

Converting Colors

XYZ(14.1797, 11.7878, 39.4696)

Have a look what the booklet for
XYZ(14.1797, 11.7878, 39.4696)
contains.

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Color

**XYZ(14.2214, 11.7964,
39.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	5159AA
RGB	81, 89, 170
RGB Percent	32%, 35%, 67%
CMY	0.6823, 0.6510, 0.3333
CMYK	0.52, 0.48, 0.00, 0.33
HSL	235°, 35%, 49%
HSV	235°, 52%, 67%
XYZ	14.2214, 11.7964, 39.5576
YIQ	95.8420, -30.7690, 23.4950

Conversions

Conversions Part 2

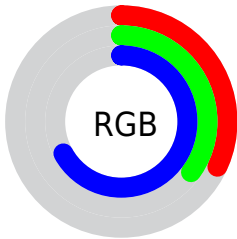
Format	Color
R_{YB}	81, 88, 170
Decimal	5331370
CIE _{Lab}	40.89, 20.22, -44.62
CIE _{LCh}	41, 48.992, 294.382
Yxy	11.7964, 0.2169, 0.1799
Android (android.graphics.Color)	4283521450 (0xFF5159AA)
YUV	95.8420, 36.5599, -13.0164
Hunter-Lab	34.3459, 13.8051, -44.2447

Details

The XYZ color **14.2214, 11.7964, 39.5576** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **30.9838, 34.9818, 12.9044**, and the grayscale version is **11.0001, 11.5729, 12.6029**.

A 20% lighter version of the original color is **33.1134, 29.1905, 75.8406**, and **4.3801, 3.2242, 17.2211** is the 20% darker color. If you saturate the color by 10%, you get **11.7878, 8.8273, 39.1130**, and if you desaturate by 10%, it is **17.2913, 15.4955, 40.1100**.

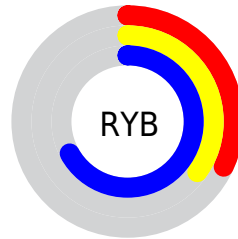
Distribution



Red (32%)

Green (35%)

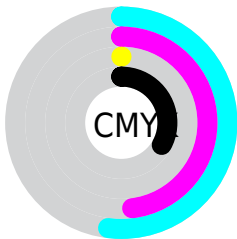
Blue (67%)



Red (32%)

Yellow (35%)

Blue (67%)

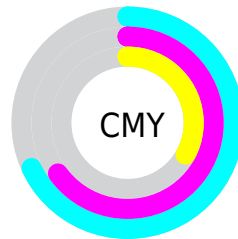


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (33%)



Cyan (68%)

Magenta (65%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2214, 11.7964, 39.5576 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 14.2214, 11.7964, 39.5576 by changing the saturation by 10% instead.

■ 14.2214, 11.7964,
39.5576

■ 14.2214, 11.7964,
39.5576

212.0870,
203.0527, 359.7519

■ 8.3575, 6.6052,
26.8826

■ 33.0643, 29.1237,
75.7191

■ 4.3783, 3.2164,
17.2534

■ 46.7742, 42.0287,
100.0426

■ 1.9183, 1.2458,
10.2515

■ 63.8300, 58.2736,
129.0862

■ 0.5874, 0.0986,
5.4582

■ 84.5972, 78.2430,
163.2682

■ 0.0000, 0.0000,
2.4552

■ 109.4412,
102.3212, 203.0072

■ 0.0000, 0.0000,
0.8162

138.7272,

■ 0.0000, 0.0000,

130.8926, 248.7218

0.0000

172.8207,
164.3417, 300.8305

■ 14.2214, 11.7964,
39.5576

■ 14.2214, 11.7964,
39.5576

■ 11.7878, 8.8273,
39.1130

■ 17.2913, 15.4955,
40.1100

■ 9.9441, 6.5386,
38.7684

■ 21.0365, 19.9674,
40.7758

■ 8.6401, 4.8761,
38.5163

■ 25.4945, 25.2531,
41.5611

■ 7.8163, 3.7769,
38.3475

■ 30.6999, 31.3903,
42.4713

■ 7.4305, 3.2518,
38.2665

■ 36.6848, 38.4143,
43.5117

■ 43.4794, 46.3586,
44.6870

■ 51.1124, 55.2546,
46.0018

■ 59.6112, 65.1325,
47.4605

■ 69.0016, 76.0212,
49.0672

Harmonies

Analogous

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



10.5670, 11.7964, 43.0959



14.2214, 11.7964, 39.5576



17.6103, 11.7964, 27.6292

Triad

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



14.2214, 11.7964, 39.5576



15.5988, 11.7964, 2.6916



5.7659, 11.7964, 11.0508

Complementary

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



14.2214, 11.7964, 39.5576



30.9838, 34.9818, 12.9044

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.



6.5884, 11.7964, 4.5800



14.2214, 11.7964, 39.5576



11.8830, 11.7964, 1.6339

Square

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



14.2214, 11.7964, 39.5576



18.5143, 11.7964, 6.4248



8.6605, 11.7964, 2.0801



6.1376, 11.7964, 22.5401

Rectangle

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



14.2214, 11.7964, 39.5576



19.0093, 11.7964, 18.7537



8.6605, 11.7964, 2.0801



5.9055, 11.7964, 8.3283

Sweetspot

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



14.2219, 11.7968, 39.5579



51.8153, 52.3790, 76.3811



24.2104, 33.0759, 38.8731



11.1352, 11.1857, 16.9599



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



14.2219, 11.7968, 39.5579



20.7120, 15.1841, 70.8411



17.4812, 12.5421, 39.5300



7.1840, 7.4049, 9.4690



5.4851, 2.4303, 28.1555



0.1498, 0.0917, 0.6905

Inverse Universe

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



21.3236, 15.1528, 11.2524



35.1514, 22.3730, 13.2077



25.7558, 34.4452, 13.0764



7.5575, 7.5529, 7.9869



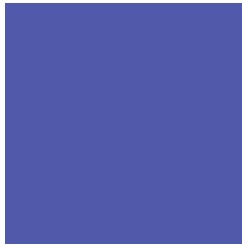
12.2692, 6.3164, 0.9632



0.3067, 0.1570, 0.0668

Previews

White Background



This preview shows how the XYZ color 14.2214, 11.7964, 39.5576 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 14.2214, 11.7964, 39.5576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

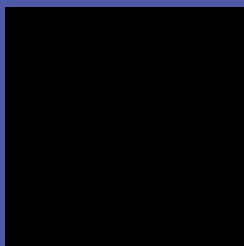
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2214, 11.7964, 39.5576

Background



This preview shows how black text looks on a background with the XYZ color 14.2214, 11.7964, 39.5576.



This preview shows how white text looks on a background with the XYZ color 14.2214, 11.7964,

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

14.2214, 11.7964, 39.5576

Protanopia

13.3715, 11.9413, 42.1576

Deuteranopia

12.1055, 11.7699, 38.6796



Tritanopia

9.6440, 11.8403, 16.8160

Trichromacy



Original Color

14.2214, 11.7964, 39.5576

Protanomaly

13.5499, 11.7952, 41.0977

Deuteranomaly

12.6323, 11.6269, 39.1145

Tritanomaly

10.9164, 11.6303, 23.4993

Monochromacy



Original Color

14.2214, 11.7964, 39.5576

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.8039, 11.4829, 20.3332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2214, 11.7964, 39.5576 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(81, 89, 170)` looks like.

```
.text, #text, p{  
    color:rgb(81, 89, 170)  
}
```

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(81, 89, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 89, 170) }
```

Border

The CSS property to change the border of an element to XYZ 14.2214, 11.7964, 39.5576 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(81, 89, 170) }
```


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

```
.border{ border-color:rgb(81, 89, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 89, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 89, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 89, 170);  
box-shadow:4px 4px 4px 4px rgb(81, 89,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2214, 11.7964, 39.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 89, 170) }
```

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

```
.background{ background-color: rgb(81, 89,  
170) }
```

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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