

Converting Colors

XYZ(14.5979, 13.2247, 53.5330)

Have a look what the booklet for
XYZ(14.5979, 13.2247, 53.5330)
contains.

XYZ(14.6167, 13.3056, 53.4276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6167, 13.3056,
53.4276)**

Conversions

Conversions Part 1

Format	Color
Hex	0965C3
RGB	9, 101, 195
RGB Percent	4%, 40%, 76%
CMY	0.9645, 0.6039, 0.2353
CMYK	0.95, 0.48, 0.00, 0.24
HSL	210°, 91%, 40%
HSV	210°, 95%, 76%
XYZ	14.6167, 13.3056, 53.4276
YIQ	84.2080, -85.0060, 9.7300

Conversions

Conversions Part 2

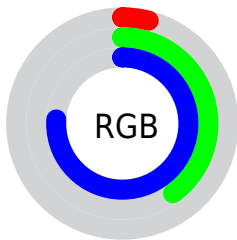
Format	Color
R _Y B	9, 71, 195
Decimal	615875
CIE Lab	43.22, 12.62, -55.64
CIE LCh	43, 57.058, 282.779
Yxy	13.3056, 0.1797, 0.1636
Android (android.graphics.Color)	4278805955 (0xFF0965C3)
YUV	84.2080, 54.6205, -65.9574
Hunter-Lab	36.4768, 7.6926, -61.3082

Details

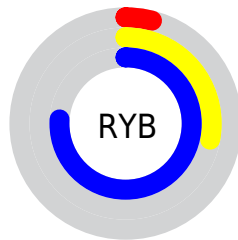
The XYZ color **14.6167, 13.3056, 53.4276** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **27.4100, 21.3313, 2.9324**, and the grayscale version is **8.3759, 8.8121, 9.5964**.

A 20% lighter version of the original color is **33.6743, 31.7582, 96.4506**, and **6.1478, 4.7218, 25.3983** is the 20% darker color. If you saturate the color by 10%, you get **14.0725, 12.3844, 53.2788**, and if you desaturate by 10%, it is **16.0132, 15.5326, 53.7842**.

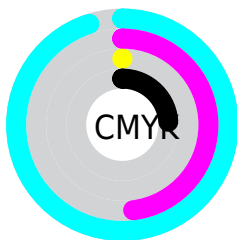
Distribution



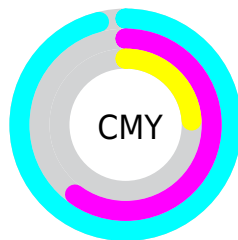
- Red (4%)
- Green (40%)
- Blue (76%)



- Red (4%)
- Yellow (28%)
- Blue (76%)



- Cyan (95%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6167, 13.3056, 53.4276 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 14.6167, 13.3056, 53.4276 by changing the saturation by 10% instead.

■ 14.6167, 13.3056,
53.4276

■ 14.6167, 13.3056,
53.4276

214.4690,
212.8670, 417.0362

■ 8.6354, 7.6393,
37.7542

■ 33.7565, 31.8517,
96.6812

■ 4.5593, 3.8650,
25.4916

■ 47.6458, 45.5004,
125.0984

■ 2.0232, 1.5984,
16.2213

■ 64.9017, 62.5786,
158.6007

■ 0.6469, 0.3565,
9.5249

■ 85.8897, 83.4707,
197.6065

■ 0.0000, 0.0000,
4.9836

■ 110.9750,
108.5613, 242.5345

■ 0.0000, 0.0000,
2.1791

■ 140.5231,

■ 0.0000, 0.0000,

138.2346, 293.8030

0.6623

174.8994,
172.8750, 351.8308

■ 0.0000, 0.0000,
0.0000

■ 14.6167, 13.3056,
53.4276

■ 14.6167, 13.3056,
53.4276

■ 14.0725, 12.3844,
53.2788

■ 16.0132, 15.5326,
53.7842

■ 17.8742, 18.1751,
54.1962

■ 20.2615, 21.2706,
54.6678

■ 23.2259, 24.8504,
55.2025

■ 26.8112, 28.9420,
55.8033

■ 31.0568, 33.5705,
56.4730

■ 35.9984, 38.7592,
57.2140

■ 41.6692, 44.5294,
58.0289

■ 48.1000, 50.9015,
58.9199

Harmonies

Analogous

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



10.2983, 13.3056, 52.2730



14.6167, 13.3056, 53.4276



19.3251, 13.3056, 40.6261

Triad

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



14.6167, 13.3056, 53.4276



19.9483, 13.3056, 3.4605



6.1525, 13.3056, 8.4209

Complementary

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



14.6167, 13.3056, 53.4276



27.4100, 21.3313, 2.9324

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.



7.7169, 13.3056, 2.9729



14.6167, 13.3056, 53.4276



15.3272, 13.3056, 1.4682

Square

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



14.6167, 13.3056, 53.4276



22.8511, 13.3056, 9.7519



10.8619, 13.3056, 1.3648



6.0479, 13.3056, 20.5512

Rectangle

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



14.6167, 13.3056, 53.4276



21.7864, 13.3056, 28.6793



10.8619, 13.3056, 1.3648



6.5049, 13.3056, 5.9756

Sweetspot

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



14.6173, 13.3060, 53.4280



60.7012, 65.4956, 101.9124



22.0278, 40.0486, 19.1453



12.4654, 13.4701, 22.1929



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.



14.6173, 13.3060, 53.4280



24.9552, 21.6830, 95.3398



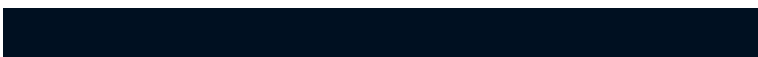
10.0618, 4.1948, 51.9094



9.9304, 10.5522, 12.7982



9.2302, 8.2169, 34.6561



0.4678, 0.4930, 1.5204

Inverse Universe

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



24.9530, 12.7381, 13.4556



43.9994, 22.2561, 21.3246



42.0706, 50.6524, 7.8193



10.2762, 10.1591, 11.5449



16.0549, 8.1117, 8.2013



0.7285, 0.3644, 0.5377

Previews

White Background



This preview shows how the XYZ color 14.6167, 13.3056, 53.4276 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 14.6167, 13.3056, 53.4276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

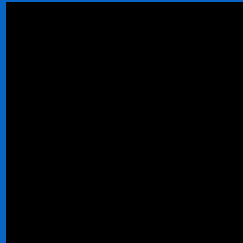
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6167, 13.3056, 53.4276

Background



This preview shows how black text looks on a background with the XYZ color 14.6167, 13.3056, 53.4276.



This preview shows how white text looks on a background with the XYZ color 14.6167, 13.3056,

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

14.6167, 13.3056, 53.4276

Protanopia

15.2917, 13.4076, 51.6511

Deuteranopia

13.3938, 13.2780, 46.1130



Tritanopia

9.2953, 13.1663, 19.8207

Trichromacy



Original Color

14.6167, 13.3056, 53.4276

Protanomaly

14.8759, 13.3219, 52.2394

Deuteranomaly

13.8574, 13.3077, 48.8520

Tritanomaly

10.7727, 13.0632, 29.5574

Monochromacy



Original Color

14.6167, 13.3056, 53.4276

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

8.9816, 9.6374, 20.4556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6167, 13.3056, 53.4276 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(9, 101, 195)` looks like.

```
.text, #text, p{  
    color:rgb(9, 101, 195)  
}
```

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(9, 101, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 101, 195) }
```

Border

The CSS property to change the border of an element to XYZ 14.6167, 13.3056, 53.4276 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(9, 101, 195) }
```


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

```
.border{ border-color:rgb(9, 101, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 101, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 101, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 101, 195);  
box-shadow:4px 4px 4px 4px rgb(9, 101,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6167, 13.3056, 53.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 101, 195) }
```

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

```
.background{ background-color: rgb(9, 101,  
195) }
```

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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