

Converting Colors

XYZ(14.1943, 12.4717, 52.8286)

Have a look what the booklet for
XYZ(14.1943, 12.4717, 52.8286)
contains.

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Color

**XYZ(14.2093, 12.5460,
52.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	0F61C2
RGB	15, 97, 194
RGB Percent	6%, 38%, 76%
CMY	0.9411, 0.6196, 0.2392
CMYK	0.92, 0.50, 0.00, 0.24
HSL	213°, 86%, 41%
HSV	213°, 92%, 76%
XYZ	14.2093, 12.5460, 52.7116
YIQ	83.5400, -80.0090, 12.7830

Conversions

Conversions Part 2

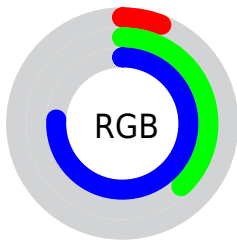
Format	Color
RYB	15, 71, 194
Decimal	1008066
CIELab	42.07, 15.06, -56.92
CIELCh	42, 58.877, 284.822
Yxy	12.5460, 0.1788, 0.1579
Android (android.graphics.Color)	4279198146 (0xFF0F61C2)
YUV	83.5400, 54.4568, -60.1096
Hunter-Lab	35.4203, 9.6219, -63.4396

Details

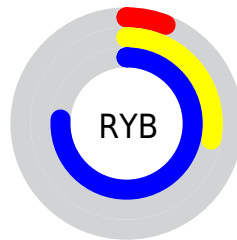
The XYZ color **14.2093, 12.5460, 52.7116** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **28.1324, 23.0993, 3.4290**, and the grayscale version is **8.2381, 8.6671, 9.4385**.

A 20% lighter version of the original color is **32.9919, 30.4851, 95.4121**, and **5.8882, 4.3201, 24.9496** is the 20% darker color. If you saturate the color by 10%, you get **13.2978, 11.0154, 52.4645**, and if you desaturate by 10%, it is **15.7232, 14.8656, 53.0799**.

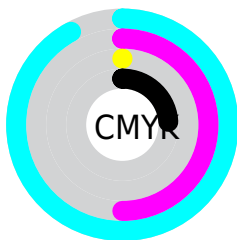
Distribution



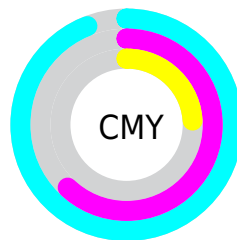
- Red (6%)
- Green (38%)
- Blue (76%)



- Red (6%)
- Yellow (28%)
- Blue (76%)



- Cyan (92%)
- Magenta (50%)
- Yellow (0%)
- Black (24%)



- Cyan (94%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2093, 12.5460, 52.7116 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 14.2093, 12.5460, 52.7116 by changing the saturation by 10% instead.

■ 14.2093, 12.5460,
52.7116

■ 14.2093, 12.5460,
52.7116

212.0137,
207.9872, 414.2125

■ 8.3491, 7.1167,
37.1864

■ 33.0431, 30.4857,
95.6171

■ 4.3728, 3.5352,
25.0550

■ 46.7474, 43.7649,
123.8345

■ 1.9151, 1.4171,
15.8986

■ 63.7971, 60.4294,
157.1198

■ 0.5856, 0.2293,
9.2989

■ 84.5575, 80.8638,
195.8914

■ 0.0000, 0.0000,
4.8372

■ 109.3940,
105.4524, 240.5680

■ 0.0000, 0.0000,
2.0950

■ 138.6720,

■ 0.0000, 0.0000,

134.5795, 291.5680

0.6128

172.7567,
168.6297, 349.3100

■ 0.0000, 0.0000,
0.0000

■ 14.2093, 12.5460,
52.7116

■ 14.2093, 12.5460,
52.7116

■ 13.2978, 11.0154,
52.4645

■ 15.7232, 14.8656,
53.0799

■ 17.7319, 17.6386,
53.5092

■ 20.2933, 20.9014,
54.0040

■ 23.4559, 24.6854,
54.5677

■ 27.2623, 29.0188,
55.2035

■ 31.7509, 33.9273,
55.9144

■ 36.9571, 39.4345,
56.7030

■ 42.9133, 45.5628,
57.5719

■ 49.6501, 52.3331,
58.5237

Harmonies

Analogous

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



9.8543, 12.5460, 52.6161



14.2093, 12.5460, 52.7116



18.8940, 12.5460, 38.8753

Triad

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



14.2093, 12.5460, 52.7116



18.9444, 12.5460, 2.7416



5.5075, 12.5460, 8.2723

Complementary

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



14.2093, 12.5460, 52.7116



28.1324, 23.0993, 3.4290

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.



6.9222, 12.5460, 2.7054



14.2093, 12.5460, 52.7116



14.2662, 12.5460, 1.1049

Square

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



14.2093, 12.5460, 52.7116



22.0493, 12.5460, 8.3765



9.8989, 12.5460, 1.0976



5.4994, 12.5460, 20.7992

Rectangle

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



14.2093, 12.5460, 52.7116



21.2759, 12.5460, 26.6920



9.8989, 12.5460, 1.0976



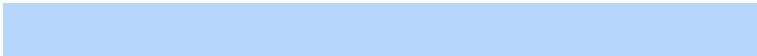
5.8154, 12.5460, 5.7589

Sweetspot

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



14.2099, 12.5463, 52.7119



60.9595, 65.1365, 101.8295



22.3302, 39.8219, 21.3992



12.4838, 13.3387, 22.1666



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.



14.2099, 12.5463, 52.7119



23.8442, 19.4610, 94.9694



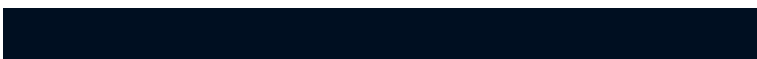
10.2181, 4.3970, 51.3494



9.8999, 10.4910, 12.7880



8.8229, 7.4024, 34.5204



0.4500, 0.4575, 1.5145

Inverse Universe

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



24.5772, 12.6750, 12.4605



43.4386, 22.0318, 18.3715



40.1260, 49.3141, 7.8568



10.2608, 10.1529, 11.4636



15.8494, 8.0295, 7.1189



0.7195, 0.3608, 0.4905

Previews

White Background



This preview shows how the XYZ color 14.2093, 12.5460, 52.7116 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 14.2093, 12.5460, 52.7116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

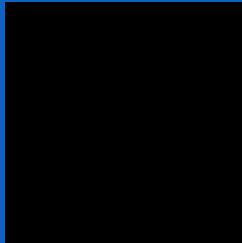
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2093, 12.5460, 52.7116

Background



This preview shows how black text looks on a background with the XYZ color 14.2093, 12.5460, 52.7116.



This preview shows how white text looks on a background with the XYZ color 14.2093, 12.5460,

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

14.2093, 12.5460, 52.7116

Protanopia

14.6118, 12.6429, 51.5394

Deuteranopia

12.4902, 12.4420, 42.8175



Tritanopia

8.7868, 12.4362, 18.7669

Trichromacy



Original Color

14.2093, 12.5460, 52.7116

Protanomaly

14.4042, 12.5231, 52.1101

Deuteranomaly

13.1670, 12.5655, 46.5312

Tritanomaly

10.2250, 12.1797, 28.6001

Monochromacy



Original Color

14.2093, 12.5460, 52.7116

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.0141, 9.5298, 20.4331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2093, 12.5460, 52.7116 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(15, 97, 194)` looks like.

```
.text, #text, p{  
    color:rgb(15, 97, 194)  
}
```

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(15, 97, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 97, 194) }
```

Border

The CSS property to change the border of an element to XYZ 14.2093, 12.5460, 52.7116 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(15, 97, 194) }
```


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

```
.border{ border-color:rgb(15, 97, 194) }
```

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

Here you see how a box with a 4 pixel rgb(15, 97, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 97, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 97, 194);  
box-shadow:4px 4px 4px 4px rgb(15, 97,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2093, 12.5460, 52.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 97, 194) }
```

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

```
.background{ background-color: rgb(15, 97,  
194) }
```

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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