

Converting Colors

XYZ(8.1432, 9.8870, 52.2668)

Have a look what the booklet for
XYZ(8.1432, 9.8870, 52.2668)
contains.

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Color

**XYZ(14.2948, 13.0094,
52.7966)**

Conversions

Conversions Part 1

Format	Color
Hex	0064C2
RGB	0, 100, 194
RGB Percent	0%, 39%, 76%
CMY	0.9998, 0.6078, 0.2392
CMYK	1.00, 0.48, 0.00, 0.24
HSL	209°, 100%, 38%
HSV	209°, 100%, 76%
XYZ	14.2948, 13.0094, 52.7966
YIQ	80.8160, -89.7740, 8.0340

Conversions

Conversions Part 2

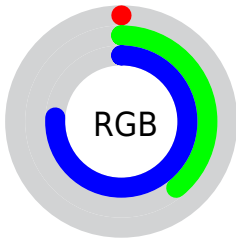
Format	Color
R _Y B	0, 66, 194
Decimal	25794
CIE Lab	42.78, 12.55, -55.78
CIE LCh	43, 57.178, 282.677
Yxy	13.0094, 0.1785, 0.1624
Android (android.graphics.Color)	4278215874 (0xFF0064C2)
YUV	80.8160, 55.7997, -70.8756
Hunter-Lab	36.0685, 7.6237, -61.5398

Details

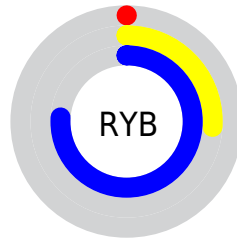
The XYZ color **14.2948, 13.0094, 52.7966** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.2550, 19.4825, 2.3779**, and the grayscale version is **7.6938, 8.0945, 8.8149**.

A 20% lighter version of the original color is **33.1428, 31.2645, 95.5546**, and **6.0998, 4.6258, 25.3823** is the 20% darker color. If you saturate the color by 10%, you get **14.2929, 13.0055, 52.7963**, and if you desaturate by 10%, it is **15.5266, 15.0614, 53.1281**.

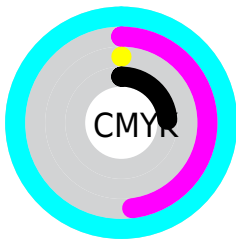
Distribution



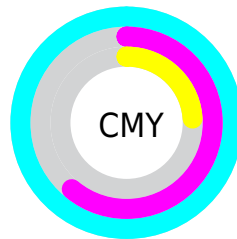
- Red (0%)
- Green (39%)
- Blue (76%)



- Red (0%)
- Yellow (26%)
- Blue (76%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (61%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2948, 13.0094, 52.7966 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 14.2948, 13.0094, 52.7966 by changing the saturation by 10% instead.

■ 14.2948, 13.0094,
52.7966

■ 14.2948, 13.0094,
52.7966

212.5313,
210.9779, 414.5484

■ 8.4091, 7.4350,
37.2538

■ 33.1931, 31.3207,
95.7435

■ 4.4118, 3.7356,
25.1067

■ 46.9364, 44.8264,
123.9847

■ 1.9376, 1.5268,
15.9369

■ 64.0296, 61.7446,
157.2958

■ 0.5986, 0.3075,
9.3256

■ 84.8380, 82.4598,
196.0953

■ 0.0000, 0.0000,
4.8545

■ 109.7270,
107.3563, 240.8018

■ 0.0000, 0.0000,
2.1049

■ 139.0620,

■ 0.0000, 0.0000,

136.8186, 291.8338

0.6187

173.2083,
171.2310, 349.6098

■ 0.0000, 0.0000,
0.0000

■ 14.2948, 13.0094,
52.7966

■ 14.2948, 13.0094,
52.7966

■ 14.2929, 13.0055,
52.7963

■ 15.5266, 15.0614,
53.1281

■ 17.1420, 17.4705,
53.5079

■ 19.2429, 20.2942,
53.9422

■ 21.8828, 23.5646,
54.4344

■ 25.1074, 27.3096,
54.9873

■ 28.9570, 31.5542,
55.6037

■ 33.4681, 36.3214,
56.2860

■ 38.6742, 41.6322,
57.0368

■ 44.6063, 47.5066,
57.8580

Harmonies

Analogous

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



10.0360, 13.0094, 51.5964



14.2948, 13.0094, 52.7966



18.9526, 13.0094, 40.1154

Triad

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



14.2948, 13.0094, 52.7966



19.5977, 13.0094, 3.3358



5.9711, 13.0094, 8.1580

Complementary

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



14.2948, 13.0094, 52.7966



26.2550, 19.4825, 2.3779

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.



7.5139, 13.0094, 2.8386



14.2948, 13.0094, 52.7966



15.0291, 13.0094, 1.3911

Square

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



14.2948, 13.0094, 52.7966



22.4634, 13.0094, 9.5279



10.6173, 13.0094, 1.2868



5.8636, 13.0094, 20.1052

Rectangle

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



14.2948, 13.0094, 52.7966



21.3940, 13.0094, 28.2668



10.6173, 13.0094, 1.2868



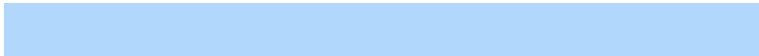
6.3188, 13.0094, 5.7637

Sweetspot

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



14.2954, 13.0098, 52.7970



60.1995, 65.3520, 101.9111



21.3034, 39.3885, 17.0200



12.3860, 13.4765, 22.1984



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.



14.2954, 13.0098, 52.7970



25.6383, 23.0493, 95.5675



9.7738, 3.9664, 51.2897



9.9480, 10.5872, 12.8041



9.4796, 8.7156, 34.7393



0.4784, 0.5142, 1.5239

Inverse Universe

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



24.5490, 12.3904, 13.1544



44.3442, 22.3940, 23.1403



40.8287, 48.6300, 7.2358



10.2850, 10.1626, 11.5915



16.1808, 8.1621, 8.8642



0.7338, 0.3665, 0.5658

Previews

White Background



This preview shows how the XYZ color 14.2948, 13.0094, 52.7966 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 14.2948, 13.0094, 52.7966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

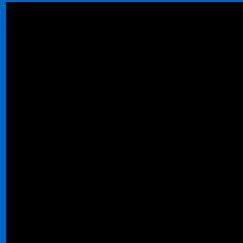
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2948, 13.0094, 52.7966

Background



This preview shows how black text looks on a background with the XYZ color 14.2948, 13.0094, 52.7966.



This preview shows how white text looks on a background with the XYZ color 14.2948, 13.0094,

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

14.2948, 13.0094, 52.7966

Protanopia

15.0383, 13.1499, 51.0358

Deuteranopia

13.0885, 12.9958, 44.9986



Tritanopia

9.1239, 12.9203, 19.4657

Trichromacy



Original Color

14.2948, 13.0094, 52.7966

Protanomaly

14.5413, 13.0208, 51.6160

Deuteranomaly

13.5083, 13.0055, 47.6973

Tritanomaly

10.5509, 12.8004, 29.1088

Monochromacy



Original Color

14.2948, 13.0094, 52.7966

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.4187, 9.1147, 19.7279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2948, 13.0094, 52.7966 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(0, 100, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 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(0, 100, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 194) }
```

Border

The CSS property to change the border of an element to XYZ 14.2948, 13.0094, 52.7966 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(0, 100, 194) }
```


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

```
.border{ border-color:rgb(0, 100, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2948, 13.0094, 52.7966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 194) }
```

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

```
.background{ background-color: rgb(0, 100,  
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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