

Converting Colors

XYZ(14.5544, 13.1030, 54.1957)

Have a look what the booklet for
XYZ(14.5544, 13.1030, 54.1957)
contains.

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Color

**XYZ(14.5210, 13.0999,
53.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	0064C4
RGB	0, 100, 196
RGB Percent	0%, 39%, 77%
CMY	0.9998, 0.6078, 0.2314
CMYK	1.00, 0.49, 0.00, 0.23
HSL	209°, 100%, 38%
HSV	209°, 100%, 77%
XYZ	14.5210, 13.0999, 53.9877
YIQ	81.0440, -90.4160, 8.6560

Conversions

Conversions Part 2

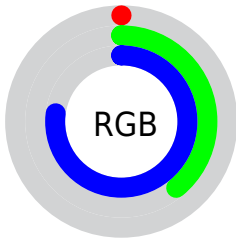
Format	Color
RYB	0, 66, 196
Decimal	25796
CIELab	42.91, 13.36, -56.72
CIELCh	43, 58.274, 283.251
Yxy	13.0999, 0.1779, 0.1605
Android (android.graphics.Color)	4278215876 (0xFF0064C4)
YUV	81.0440, 56.6733, -71.0756
Hunter-Lab	36.1938, 8.2753, -63.1030

Details

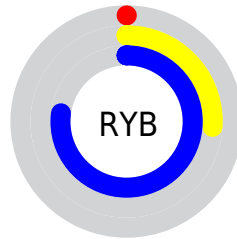
The XYZ color **14.5210, 13.0999, 53.9877** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **26.9522, 20.1096, 2.4623**, and the grayscale version is **7.7370, 8.1399, 8.8643**.

A 20% lighter version of the original color is **33.5657, 31.4459, 97.2291**, and **6.1739, 4.6555, 25.7725** is the 20% darker color. If you saturate the color by 10%, you get **14.5190, 13.0959, 53.9874**, and if you desaturate by 10%, it is **15.7783, 15.1968, 54.3265**.

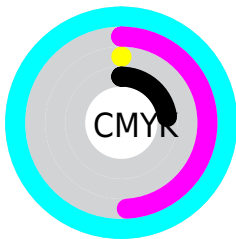
Distribution



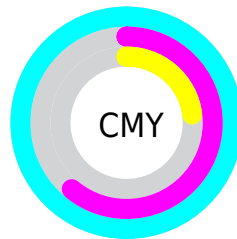
- Red (0%)
- Green (39%)
- Blue (77%)



- Red (0%)
- Yellow (26%)
- Blue (77%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (61%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5210, 13.0999, 53.9877 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 14.5210, 13.0999, 53.9877 by changing the saturation by 10% instead.

■ 14.5210, 13.0999,
53.9877

■ 14.5210, 13.0999,
53.9877

213.8947,
211.5569, 419.2364

■ 8.5680, 7.4974,
38.1987

■ 33.5893, 31.4831,
97.5124

■ 4.5154, 3.7751,
25.8339

■ 47.4352, 45.0326,
126.0852

■ 1.9976, 1.5485,
16.4748

■ 64.6430, 61.9999,
159.7564

■ 0.6326, 0.3225,
9.7028

■ 85.5777, 82.7694,
198.9444

■ 0.0000, 0.0000,
5.0993

■ 110.6049,
107.7254, 244.0679

■ 0.0000, 0.0000,
2.2459

■ 140.0899,

■ 0.0000, 0.0000,

137.2524, 295.5454

0.7007

174.3981,
171.7348, 353.7954

■ 0.0000, 0.0000,
0.0000

■ 14.5210, 13.0999,
53.9877

■ 14.5210, 13.0999,
53.9877

■ 14.5190, 13.0959,
53.9874

■ 15.7783, 15.1968,
54.3265

■ 17.4310, 17.6641,
54.7156

■ 19.5831, 20.5602,
55.1612

■ 22.2895, 23.9186,
55.6668

■ 25.5972, 27.7679,
56.2355

■ 29.5478, 32.1342,
56.8700

■ 34.1786, 37.0409,
57.5730

■ 39.5242, 42.5102,
58.3470

■ 45.6163, 48.5624,
59.1941

Harmonies

Analogous

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



10.1405, 13.0999, 53.0510



14.5210, 13.0999, 53.9877



19.2964, 13.0999, 40.6571

Triad

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



14.5210, 13.0999, 53.9877



19.7963, 13.0999, 3.1884



5.9144, 13.0999, 8.2940

Complementary

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



14.5210, 13.0999, 53.9877



26.9522, 20.1096, 2.4623

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.



7.4528, 13.0999, 2.8138



14.5210, 13.0999, 53.9877



15.0884, 13.0999, 1.3052

Square

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



14.5210, 13.0999, 53.9877



22.7974, 13.0999, 9.3441



10.5878, 13.0999, 1.2280



5.8323, 13.0999, 20.6629

Rectangle

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



14.5210, 13.0999, 53.9877



21.7814, 13.0999, 28.4118



10.5878, 13.0999, 1.2280



6.2579, 13.0999, 5.8217

Sweetspot

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



14.5216, 13.1003, 53.9881



61.4728, 66.6397, 104.2305



21.7951, 40.3021, 17.3988



12.3614, 13.4272, 22.1901



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.



14.5216, 13.1003, 53.9881



26.0426, 23.2051, 97.7142



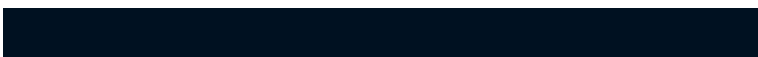
10.0003, 4.0577, 52.4810



9.9435, 10.5784, 12.8026



9.4155, 8.5875, 34.7179



0.4757, 0.5088, 1.5230

Inverse Universe

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



25.0658, 12.6569, 13.1786



45.2743, 22.8737, 23.1742



41.7766, 49.7586, 7.4038



10.2828, 10.1617, 11.5797



16.1485, 8.1491, 8.6939



0.7325, 0.3660, 0.5587

Previews

White Background



This preview shows how the XYZ color 14.5210, 13.0999, 53.9877 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 14.5210, 13.0999, 53.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

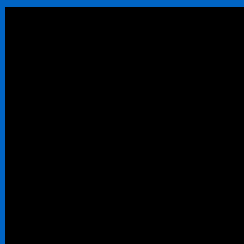
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5210, 13.0999, 53.9877

Background



This preview shows how black text looks on a background with the XYZ color 14.5210, 13.0999, 53.9877.



This preview shows how white text looks on a background with the XYZ color 14.5210, 13.0999,

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

14.5210, 13.0999, 53.9877

Protanopia

15.2320, 13.2112, 52.7861

Deuteranopia

13.0885, 12.9958, 44.9986



Tritanopia

9.1843, 12.9444, 19.7838

Trichromacy



Original Color

14.5210, 13.0999, 53.9877

Protanomaly

14.8189, 13.1250, 53.3821

Deuteranomaly

13.6143, 13.0479, 48.2553

Tritanomaly

10.7079, 12.8632, 29.9355

Monochromacy



Original Color

14.5210, 13.0999, 53.9877

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

8.4810, 9.1396, 20.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5210, 13.0999, 53.9877 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 196) }
```

Border

The CSS property to change the border of an element to XYZ 14.5210, 13.0999, 53.9877 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, 196) }
```


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

```
.border{ border-color:rgb(0, 100, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5210, 13.0999, 53.9877 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, 196) }
```

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

```
.background{ background-color: rgb(0, 100,  
196) }
```

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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