

Converting Colors

XYZ(7.4921, 3.4826, 52.9134)

Have a look what the booklet for
XYZ(7.4921, 3.4826, 52.9134)
contains.

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Color

**XYZ(10.5946, 5.0642,
53.2424)**

Conversions

Conversions Part 1

Format	Color
Hex	0020C5
RGB	0, 32, 197
RGB Percent	0%, 13%, 77%
CMY	0.9998, 0.8745, 0.2274
CMYK	1.00, 0.84, 0.00, 0.23
HSL	230°, 100%, 39%
HSV	230°, 100%, 77%
XYZ	10.5946, 5.0642, 53.2424
YIQ	41.2420, -72.0370, 44.5310

Conversions

Conversions Part 2

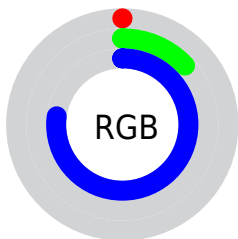
Format	Color
RYB	0, 28, 197
Decimal	8389
CIELab	26.92, 55.64, -83.57
CIELCh	27, 100.402, 303.657
Yxy	5.0642, 0.1538, 0.0735
Android (android.graphics.Color)	4278198469 (0xFF0020C5)
YUV	41.2420, 76.7887, -36.1692
Hunter-Lab	22.5038, 44.6548, -124.5234

Details

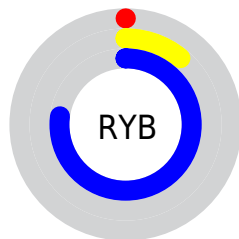
The XYZ color **10.5946, 5.0642, 53.2424** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **36.4917, 38.8012, 5.5675**, and the grayscale version is **2.0675, 2.1752, 2.3688**.

A 20% lighter version of the original color is **26.5859, 15.9884, 96.2926**, and **4.8077, 1.9231, 25.3171** is the 20% darker color. If you saturate the color by 10%, you get **10.5933, 5.0616, 53.2422**, and if you desaturate by 10%, it is **11.4389, 6.3322, 53.4429**.

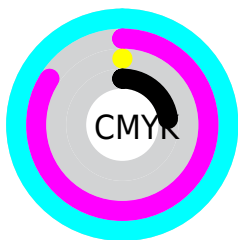
Distribution



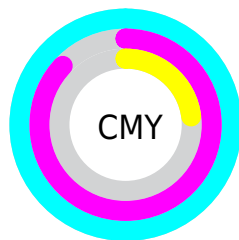
- Red (0%)
- Green (13%)
- Blue (77%)



- Red (0%)
- Yellow (11%)
- Blue (77%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (87%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5946, 5.0642, 53.2424 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 10.5946, 5.0642, 53.2424 by changing the saturation by 10% instead.

■ 10.5946, 5.0642,
53.2424

■ 10.5946, 5.0642,
53.2424

188.8310,
150.4411, 416.3071

■ 5.8602, 2.2850,
37.6073

■ 26.5477, 15.9561,
96.4061

■ 2.8001, 0.7657,
25.3786

■ 38.4971, 24.8376,
124.7718

■ 1.0490, 0.0000,
16.1377

■ 53.5822, 36.5220,
158.2180

■ 0.0000, 0.0000,
9.4663

■ 72.1684, 51.3937,
197.1634

■ 0.0000, 0.0000,
4.9456

■ 94.6210, 69.8371,
242.0265


■ 0.0000, 0.0000,
2.1572

■ 121.3055, 92.2365,

■ 0.0000, 0.0000,

293.2257


0.6495


 152.5870,
118.9764, 351.1798

 0.0000, 0.0000,
0.0000


 10.5946, 5.0642,
53.2424


 10.5946, 5.0642,
53.2424


 10.5933, 5.0616,
53.2422

 11.4389, 6.3322,
53.4429

 12.8224, 8.2523,
53.7406

 14.8709, 10.9263,
54.1487

 17.6589, 14.4248,
54.6771

 21.2505, 18.8103,
55.3343

■ 25.7026, 24.1390,
56.1281

■ 31.0670, 30.4621,
57.0659

■ 37.3911, 37.8274,
58.1542

■ 44.7193, 46.2793,
59.3994

Harmonies

Analogous

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



5.3308, 5.0642, 71.9373



10.5946, 5.0642, 53.2424



15.8069, 5.0642, 22.6748

Triad

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



10.5946, 5.0642, 53.2424



9.1960, 5.0642, 0.0000



0.3863, 5.0642, 7.0732

Complementary

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



10.5946, 5.0642, 53.2424



36.4917, 38.8012, 5.5675

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.



0.6358, 5.0642, 0.1297



10.5946, 5.0642, 53.2424



4.3306, 5.0642, 0.0000

Square

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



10.5946, 5.0642, 53.2424



14.7280, 5.0642, 0.0000



1.6453, 5.0642, 0.0000



0.7922, 5.0642, 29.6538

Rectangle

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



10.5946, 5.0642, 53.2424



17.5601, 5.0642, 8.3842



1.6453, 5.0642, 0.0000



0.3963, 5.0642, 3.3874

Sweetspot

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



10.5950, 5.0642, 53.2426



55.1357, 53.9655, 102.1182



26.6836, 42.6196, 42.0250



10.8845, 10.4735, 21.6979



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.



10.5950, 5.0642, 53.2426



18.8554, 8.8308, 95.3185



12.3052, 5.1802, 53.1748



10.1933, 10.5608, 13.4187



7.0087, 3.4113, 35.0334



0.3767, 0.2512, 1.6738

Inverse Universe

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



23.2872, 11.9757, 2.4502



41.6465, 21.4226, 4.0707



29.3810, 44.7861, 7.0975



10.7029, 10.6645, 11.4186



15.3370, 7.8844, 1.7185



0.7488, 0.3824, 0.2006

Previews

White Background



This preview shows how the XYZ color 10.5946, 5.0642, 53.2424 looks on a white background.

Color Contrast Check

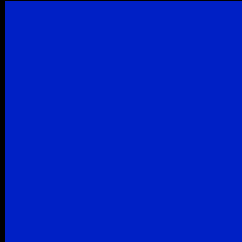
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 10.5946, 5.0642, 53.2424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

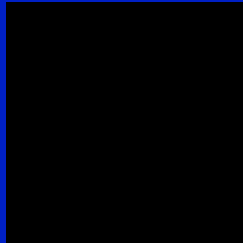
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5946, 5.0642, 53.2424

Background



This preview shows how black text looks on a background with the XYZ color 10.5946, 5.0642, 53.2424.



This preview shows how white text looks on a background with the XYZ color 10.5946, 5.0642,

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

10.5946, 5.0642, 53.2424

Protanopia

5.7519, 5.0570, 21.7920

Deuteranopia

4.7627, 5.0222, 15.4702



Tritanopia

3.5232, 5.0145, 7.4388

Trichromacy



Original Color

10.5946, 5.0642, 53.2424

Protanomaly

7.0166, 4.7007, 31.1094

Deuteranomaly

6.2017, 4.5913, 26.1505

Tritanomaly

4.7929, 4.2582, 18.0221

Monochromacy



Original Color

10.5946, 5.0642, 53.2424

Achromatopsia

2.1076, 2.2174, 2.4147

Achromatomaly

3.3237, 2.4877, 11.8603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5946, 5.0642, 53.2424 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, 32, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 197)  
}
```

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, 32, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 197) }
```

Border

The CSS property to change the border of an element to XYZ 10.5946, 5.0642, 53.2424 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, 32, 197) }
```


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

```
.border{ border-color:rgb(0, 32, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 32, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 32, 197)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.5946, 5.0642, 53.2424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 197) }
```

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

```
.background{ background-color: rgb(0, 32,  
197) }
```

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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