

Converting Colors

XYZ(9.8138, 5.5712, 53.3547)

Have a look what the booklet for
XYZ(9.8138, 5.5712, 53.3547)
contains.

XYZ(11.2186, 6.3124, 53.4505)	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(11.2186, 6.3124,
53.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	0032C5
RGB	0, 50, 197
RGB Percent	0%, 20%, 77%
CMY	0.9999, 0.8039, 0.2274
CMYK	1.00, 0.75, 0.00, 0.23
HSL	225°, 100%, 39%
HSV	225°, 100%, 77%
XYZ	11.2186, 6.3124, 53.4505
YIQ	51.8080, -76.9870, 35.1170

Conversions

Conversions Part 2

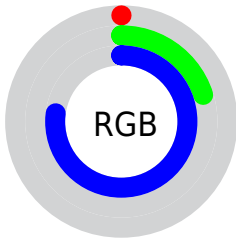
Format	Color
R_{YB}	0, 40, 197
Decimal	12997
CIE _{Lab}	30.19, 46.18, -78.14
CIE _{LCh}	30, 90.765, 300.585
Yxy	6.3124, 0.1580, 0.0889
Android (android.graphics.Color)	4278203077 (0xFF0032C5)
YUV	51.8080, 71.5797, -45.4356
Hunter-Lab	25.1245, 35.7361, -108.5480

Details

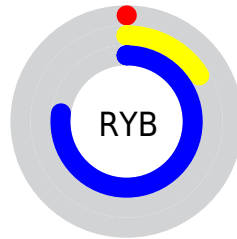
The XYZ color **11.2186, 6.3124, 53.4505** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **33.4664, 32.7507, 4.5587**, and the grayscale version is **3.1675, 3.3325, 3.6291**.

A 20% lighter version of the original color is **27.6915, 18.5361, 96.7261**, and **4.9693, 2.1267, 25.7398** is the 20% darker color. If you saturate the color by 10%, you get **11.2174, 6.3098, 53.4503**, and if you desaturate by 10%, it is **12.2344, 7.9235, 53.7082**.

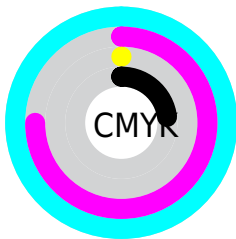
Distribution



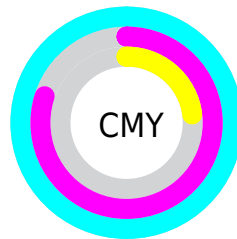
- Red (0%)
- Green (20%)
- Blue (77%)



- Red (0%)
- Yellow (16%)
- Blue (77%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (80%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2186, 6.3124, 53.4505 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 11.2186, 6.3124, 53.4505 by changing the saturation by 10% instead.

■ 11.2186, 6.3124,
53.4505

■ 11.2186, 6.3124,
53.4505

193.0387,
161.8215, 417.1263

■ 6.2824, 3.0360,
37.7723

■ 27.6931, 18.5759,
96.7152

■ 3.0599, 1.1505,
25.5056

■ 39.9621, 28.3318,
125.1388

■ 1.1855, 0.0207,
16.2317

■ 55.4061, 41.0163,
158.6480

■ 0.0949, 0.0000,
9.5321

■ 74.3905, 57.0137,
197.6613

■ 0.0000, 0.0000,
4.9883

■ 97.2806, 76.7086,
242.5972

■ 0.0000, 0.0000,
2.1818

■ 124.4417,

■ 0.0000, 0.0000,

100.4852, 293.8744

0.6638

156.2393,
128.7281, 351.9112

■ 0.0000, 0.0000,
0.0000

■ 11.2186, 6.3124,
53.4505

■ 11.2186, 6.3124,
53.4505

■ 11.2174, 6.3098,
53.4503

■ 12.2344, 7.9235,
53.7082

■ 13.7567, 10.1216,
54.0522

■ 15.9021, 12.9897,
54.4927

■ 18.7375, 16.5834,
55.0369

■ 22.3202, 20.9515,
55.6912

■ 26.7013, 26.1386,
56.4615

■ 31.9272, 32.1853,
57.3532

■ 38.0407, 39.1298,
58.3714

■ 45.0815, 47.0076,
59.5209

Harmonies

Analogous

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



6.0839, 6.3124, 67.3335



11.2186, 6.3124, 53.4505



16.3626, 6.3124, 26.0828

Triad

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



11.2186, 6.3124, 53.4505



10.9999, 6.3124, 0.0000



0.9665, 6.3124, 7.1158

Complementary

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



11.2186, 6.3124, 53.4505



33.4664, 32.7507, 4.5587

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.



1.3146, 6.3124, 0.5222



11.2186, 6.3124, 53.4505



5.9164, 6.3124, 0.0000

Square

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



11.2186, 6.3124, 53.4505



16.1997, 6.3124, 0.4100



2.7181, 6.3124, 0.0000



1.3452, 6.3124, 27.1066

Rectangle

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



11.2186, 6.3124, 53.4505



18.2824, 6.3124, 11.4792



2.7181, 6.3124, 0.0000



0.9994, 6.3124, 3.7008

Sweetspot

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



11.2191, 6.3125, 53.4507



56.6972, 57.0886, 102.6387



25.0374, 41.9612, 33.3569



11.2441, 11.1927, 21.8177



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.



11.2191, 6.3125, 53.4507



19.9220, 10.9640, 95.6740



11.2050, 4.6128, 53.1234



10.2717, 10.7175, 13.4448



7.4355, 4.2649, 35.1757



0.4122, 0.3221, 1.6856

Inverse Universe

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



23.6022, 12.1015, 4.1092



42.1849, 21.6380, 6.9058



32.7370, 46.5162, 7.2542



10.7424, 10.6804, 11.6269



15.5524, 7.9705, 2.8530



0.7667, 0.3895, 0.2948

Previews

White Background



This preview shows how the XYZ color 11.2186, 6.3124, 53.4505 looks on a white background.

Color Contrast Check

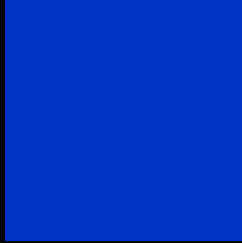
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2186, 6.3124, 53.4505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

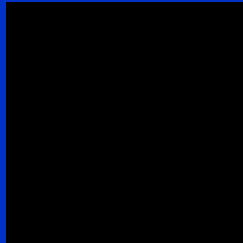
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2186, 6.3124, 53.4505

Background



This preview shows how black text looks on a background with the XYZ color 11.2186, 6.3124, 53.4505.



This preview shows how white text looks on a background with the XYZ color 11.2186, 6.3124,

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

11.2186, 6.3124, 53.4505

Protanopia

7.2390, 6.3006, 27.6227

Deuteranopia

5.9577, 6.1951, 19.6207



Tritanopia

4.3573, 6.2165, 9.1539

Trichromacy



Original Color

11.2186, 6.3124, 53.4505

Protanomaly

8.4235, 6.1256, 35.8603

Deuteranomaly

7.3953, 5.9826, 29.6191

Tritanomaly

5.7052, 5.5895, 19.8470

Monochromacy



Original Color

11.2186, 6.3124, 53.4505

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

4.3608, 3.7109, 13.8510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2186, 6.3124, 53.4505 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, 50, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 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, 50, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 197) }
```

Border

The CSS property to change the border of an element to XYZ 11.2186, 6.3124, 53.4505 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, 50, 197) }
```


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

```
.border{ border-color:rgb(0, 50, 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, 50, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 197)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.2186, 6.3124, 53.4505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 197) }
```

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

```
.background{ background-color: rgb(0, 50,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor