

Converting Colors

XYZ(1.9613, 5.3465, 55.8136)

Have a look what the booklet for
XYZ(1.9613, 5.3465, 55.8136)
contains.

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Color

**XYZ(14.1664, 11.6523,
56.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	005BC8
RGB	0, 91, 200
RGB Percent	0%, 36%, 78%
CMY	0.9998, 0.6431, 0.2157
CMYK	1.00, 0.55, 0.00, 0.22
HSL	213°, 100%, 39%
HSV	213°, 100%, 78%
XYZ	14.1664, 11.6523, 56.1460
YIQ	76.2170, -89.2250, 14.6070

Conversions

Conversions Part 2

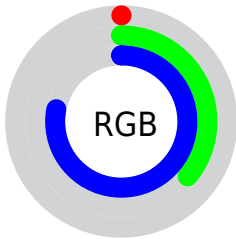
Format	Color
RYB	0, 63, 200
Decimal	23496
CIELab	40.66, 20.88, -62.69
CIELCh	41, 66.080, 288.424
Yxy	11.6523, 0.1728, 0.1422
Android (android.graphics.Color)	4278213576 (0xFF005BC8)
YUV	76.2170, 61.0250, -66.8423
Hunter-Lab	34.1355, 14.3414, -73.6253

Details

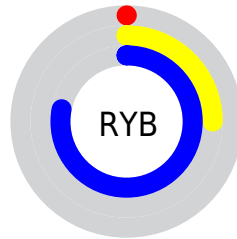
The XYZ color **14.1664, 11.6523, 56.1460** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **29.2931, 23.2262, 2.9404**, and the grayscale version is **6.8152, 7.1701, 7.8082**.

A 20% lighter version of the original color is **32.4651, 28.5728, 98.4118**, and **6.1273, 4.0774, 27.2521** is the 20% darker color. If you saturate the color by 10%, you get **14.1644, 11.6482, 56.1456**, and if you desaturate by 10%, it is **15.4565, 13.8029, 56.4934**.

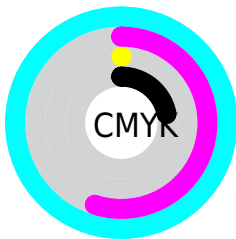
Distribution



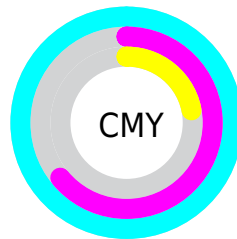
- Red (0%)
- Green (36%)
- Blue (78%)



- Red (0%)
- Yellow (25%)
- Blue (78%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (64%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1664, 11.6523, 56.1460 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 14.1664, 11.6523, 56.1460 by changing the saturation by 10% instead.

■ 14.1664, 11.6523,
56.1460

■ 14.1664, 11.6523,
56.1460

211.7535,
202.0896, 427.6452

■ 8.3190, 6.5074,
39.9152

■ 32.9678, 28.8602,
100.7059

■ 4.3532, 3.1560,
27.1592

■ 46.6525, 41.6921,
129.8722

■ 1.9038, 1.2137,
17.4593

■ 63.6803, 57.8550,
164.1873

■ 0.5791, 0.0729,
10.3971

■ 84.4165, 77.7333,
204.0698

■ 0.0000, 0.0000,
5.5540

■ 109.2266,
101.7116, 249.9384

■ 0.0000, 0.0000,
2.5115

138.4759,

■ 0.0000, 0.0000,

130.1742, 302.2114

0.8462

172.5298,
163.5054, 361.3075

■ 0.0000, 0.0000,
0.0000

■ 14.1664, 11.6523,
56.1460

■ 14.1664, 11.6523,
56.1460

■ 14.1644, 11.6482,
56.1456

■ 15.4565, 13.8029,
56.4934

■ 17.1855, 16.3889,
56.9014

■ 19.4625, 19.4742,
57.3770

■ 22.3469, 23.0967,
57.9241

■ 25.8896, 27.2896,
58.5467

■ 30.1353, 32.0826,
59.2481

■ 35.1248, 37.5031,
60.0314

■ 40.8955, 43.5764,
60.8995

■ 47.4818, 50.3263,
61.8552

Harmonies

Analogous

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



9.3673, 11.6523, 58.3190



14.1664, 11.6523, 56.1460



19.2537, 11.6523, 38.5914

Triad

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



14.1664, 11.6523, 56.1460



18.1766, 11.6523, 1.5291



4.3962, 11.6523, 8.1903

Complementary

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



14.1664, 11.6523, 56.1460



29.2931, 23.2262, 2.9404

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.



5.6193, 11.6523, 2.1235



14.1664, 11.6523, 56.1460



12.9789, 11.6523, 0.3750

Square

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



14.1664, 11.6523, 56.1460



21.9816, 11.6523, 6.1657



8.4699, 11.6523, 0.5178



4.5480, 11.6523, 22.6884

Rectangle

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



14.1664, 11.6523, 56.1460



21.7155, 11.6523, 24.7061



8.4699, 11.6523, 0.5178



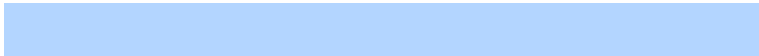
4.6421, 11.6523, 5.3792

Sweetspot

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



14.1670, 11.6526, 56.1463



60.3944, 64.4829, 103.8711



23.2923, 42.3640, 20.7732



12.1070, 12.9185, 22.1054



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.



14.1670, 11.6526, 56.1463



24.2947, 19.7095, 97.1316



10.5098, 4.2144, 54.9034



10.4474, 11.0689, 13.5034



9.0934, 7.5807, 35.7283



0.5027, 0.5033, 1.7158

Inverse Universe

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



25.7083, 13.0357, 11.0587



44.3921, 22.5208, 18.5285



42.7325, 52.6904, 7.9193



10.8311, 10.7158, 12.0939



16.3893, 8.3053, 7.2597



0.8125, 0.4078, 0.5355

Previews

White Background



This preview shows how the XYZ color 14.1664, 11.6523, 56.1460 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 14.1664, 11.6523, 56.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

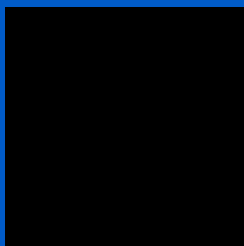
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1664, 11.6523, 56.1460

Background



This preview shows how black text looks on a background with the XYZ color 14.1664, 11.6523, 56.1460.



This preview shows how white text looks on a background with the XYZ color 14.1664, 11.6523,

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

14.1664, 11.6523, 56.1460

Protanopia

13.7910, 11.6398, 53.7444

Deuteranopia

11.5291, 11.5999, 39.1675

Trichromacy



Original Color

14.1664, 11.6523, 56.1460

Protanomaly

13.9052, 11.6855, 54.3460

Deuteranomaly

12.3304, 11.4797, 44.7459

Monochromacy



Original Color

14.1664, 11.6523, 56.1460

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

7.6125, 7.8937, 19.2116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1664, 11.6523, 56.1460 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, 91, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 200)  
}
```

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, 91, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 200) }
```

Border

The CSS property to change the border of an element to XYZ 14.1664, 11.6523, 56.1460 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, 91, 200) }
```

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

```
.border{ border-color:rgb(0, 91, 200) }
```

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

Here you see how a box with a 4 pixel rgb(0, 91, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 91, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 91, 200)  
}
```


Background

The CSS property to change the background color of an element to XYZ 14.1664, 11.6523, 56.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 200) }
```

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

```
.background{ background-color: rgb(0, 91,  
200) }
```

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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