

Converting Colors

XYZ(14.0314, 5.7904, 65.8534)

Have a look what the booklet for
XYZ(14.0314, 5.7904, 65.8534)
contains.

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Color

**XYZ(14.0457, 5.7940,
66.0237)**

Conversions

Conversions Part 1

Format	Color
Hex	3600D9
RGB	54, 0, 217
RGB Percent	21%, 0%, 85%
CMY	0.7882, 1.0000, 0.1490
CMYK	0.75, 1.00, 0.00, 0.15
HSL	255°, 100%, 43%
HSV	255°, 100%, 85%
XYZ	14.0457, 5.7940, 66.0237
YIQ	40.8840, -37.4730, 78.9350

Conversions

Conversions Part 2

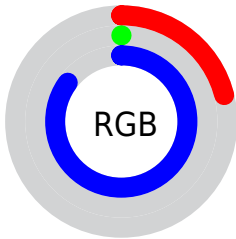
Format	Color
RYB	54, 0, 217
Decimal	3539161
CIELab	28.89, 70.87, -91.89
CIELCh	29, 116.044, 307.640
Yxy	5.7940, 0.1636, 0.0675
Android (android.graphics.Color)	4281729241 (0xFF3600D9)
YUV	40.8840, 86.8252, 11.5027
Hunter-Lab	24.0707, 62.0342, -145.7773

Details

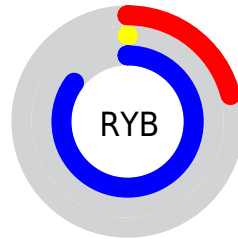
The XYZ color **14.0457, 5.7940, 66.0237** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **39.9148, 57.4112, 8.9777**, and the grayscale version is **2.0235, 2.1289, 2.3183**.

A 20% lighter version of the original color is **29.2314, 16.1434, 96.1831**, and **6.3452, 2.5381, 33.4132** is the 20% darker color. If you saturate the color by 10%, you get **14.0464, 5.7944, 66.0240**, and if you desaturate by 10%, it is **15.3539, 6.8859, 66.1657**.

Distribution



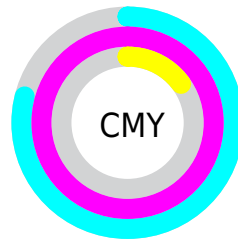
- Red (21%)
- Green (0%)
- Blue (85%)



- Red (21%)
- Yellow (0%)
- Blue (85%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (79%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0457, 5.7940, 66.0237 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 14.0457, 5.7940, 66.0237 by changing the saturation by 10% instead.

■ 14.0457, 5.7940,
66.0237

■ 14.0457, 5.7940,
66.0237

211.0199,
157.2292, 464.8682

■ 8.2344, 2.7202,
47.8350

■ 32.7557, 17.5022,
115.1477

■ 4.2983, 0.9875,
33.3372

■ 46.3850, 26.9054,
146.9201

■ 1.8723, 0.0000,
22.1117

■ 63.3511, 39.1872,
184.0575

■ 0.5606, 0.0000,
13.7399

■ 84.0193, 54.7321,
226.9784

■ 0.0000, 0.0000,
7.8033

■ 108.7549, 73.9243,
276.1014


■ 0.0000, 0.0000,
3.8834


■ 137.9233, 97.1483,


■ 0.0000, 0.0000,

331.8450

1.5616

 171.8898,
124.7885, 394.6277

 0.0000, 0.0000,
0.2632

 0.0000, 0.0000,
0.0000


 14.0457, 5.7940,
66.0237

 14.0457, 5.7940,
66.0237

 14.0464, 5.7944,
66.0240

 15.3539, 6.8859,
66.1657

 17.2971, 8.7743,
66.4278

 20.0035, 11.6800,
66.8460

 23.5527, 15.7305,
67.4408

■ 28.0132, 21.0337,
68.2293

■ 33.4462, 27.6850,
69.2268

■ 39.9071, 35.7701,
70.4469

■ 47.4472, 45.3678,
71.9020

■ 56.1141, 56.5509,
73.6038

Harmonies

Analogous

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



6.9323, 5.7940, 96.9432



14.0457, 5.7940, 66.0237



20.6940, 5.7940, 24.4338

Triad

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



14.0457, 5.7940, 66.0237



10.2022, 5.7940, 0.0000



0.2319, 5.7940, 10.8839

Complementary

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



14.0457, 5.7940, 66.0237



39.9148, 57.4112, 8.9777

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.



0.4197, 5.7940, 0.3956



14.0457, 5.7940, 66.0237



4.2919, 5.7940, 0.0000

Square

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



14.0457, 5.7940, 66.0237



17.6703, 5.7940, 0.0000



1.4015, 5.7940, 0.0000



0.7963, 5.7940, 44.3541

Rectangle

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



14.0457, 5.7940, 66.0237



22.5261, 5.7940, 7.5508



1.4015, 5.7940, 0.0000



0.2091, 5.7940, 5.2109

Sweetspot

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



14.0464, 5.7944, 66.0240



57.2380, 51.2036, 101.4743



26.2274, 32.4158, 70.5204



11.3674, 9.8483, 21.5517



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.



14.0464, 5.7944, 66.0240



20.1301, 8.2923, 95.1473



26.8490, 12.3944, 66.6231



12.6408, 12.7730, 16.4513



8.5846, 3.5497, 39.9711



0.6349, 0.2705, 2.5932

Inverse Universe

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



35.2252, 17.3957, 36.1459



50.7024, 25.0449, 51.7581



26.5501, 50.5214, 8.3523



13.4687, 13.2166, 15.7292



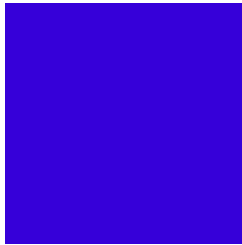
21.3676, 10.5481, 22.1134



1.4179, 0.6968, 1.6093

Previews

White Background



This preview shows how the XYZ color 14.0457, 5.7940, 66.0237 looks on a white background.

Color Contrast Check

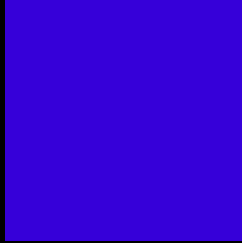
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0457, 5.7940, 66.0237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

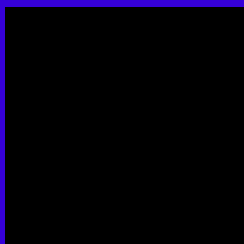
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0457, 5.7940, 66.0237

Background



This preview shows how black text looks on a background with the XYZ color 14.0457, 5.7940, 66.0237.



This preview shows how white text looks on a background with the XYZ color 14.0457, 5.7940,

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

14.0457, 5.7940, 66.0237

Protanopia

6.8149, 5.9374, 25.9862

Deuteranopia

5.7075, 5.9908, 18.6248



Tritanopia

4.2474, 6.0580, 8.9281

Trichromacy



Original Color

14.0457, 5.7940, 66.0237

Protanomaly

8.3138, 4.7410, 38.0130

Deuteranomaly

7.1819, 4.4693, 31.4945

Tritanomaly

5.5258, 4.0686, 21.9668

Monochromacy



Original Color

14.0457, 5.7940, 66.0237

Achromatopsia

2.1076, 2.2174, 2.4147

Achromatomaly

4.0459, 2.3396, 13.6029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0457, 5.7940, 66.0237 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(54, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(54, 0, 217)  
}
```

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(54, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 0, 217) }
```

Border

The CSS property to change the border of an element to XYZ 14.0457, 5.7940, 66.0237 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(54, 0, 217) }
```


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

```
.border{ border-color:rgb(54, 0, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 0, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(54, 0, 217)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0457, 5.7940, 66.0237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 0, 217) }
```

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

```
.background{ background-color: rgb(54, 0,  
217) }
```

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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