

Converting Colors

XYZ(14.4000, 6.5463, 57.6315)

Have a look what the booklet for
XYZ(14.4000, 6.5463, 57.6315)
contains.

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Color

**XYZ(14.3737, 6.5222,
57.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	4F14CC
RGB	79, 20, 204
RGB Percent	31%, 8%, 80%
CMY	0.6902, 0.9216, 0.2000
CMYK	0.61, 0.90, 0.00, 0.20
HSL	259°, 82%, 44%
HSV	259°, 90%, 80%
XYZ	14.3737, 6.5222, 57.6281
YIQ	58.6170, -23.9000, 69.7320

Conversions

Conversions Part 2

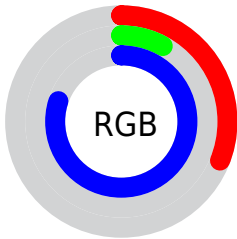
Format	Color
RYB	79, 20, 204
Decimal	5182668
CIELab	30.69, 65.12, -81.27
CIElCh	31, 104.145, 308.705
Yxy	6.5222, 0.1830, 0.0831
Android (android.graphics.Color)	4283372748 (0xFF4F14CC)
YUV	58.6170, 71.6738, 17.8759
Hunter-Lab	25.5386, 55.7713, -115.9115

Details

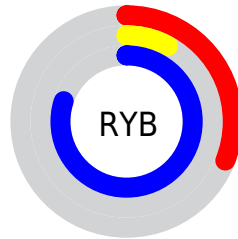
The XYZ color **14.3737, 6.5222, 57.6281** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **33.3940, 49.2550, 8.4086**, and the grayscale version is **4.0134, 4.2225, 4.5983**.

A 20% lighter version of the original color is **32.1021, 18.5084, 96.4883**, and **5.3453, 2.1381, 28.1479** is the 20% darker color. If you saturate the color by 10%, you get **13.1074, 5.4980, 57.4974**, and if you desaturate by 10%, it is **16.1717, 8.2240, 57.8620**.

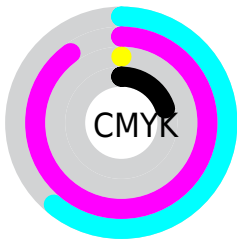
Distribution



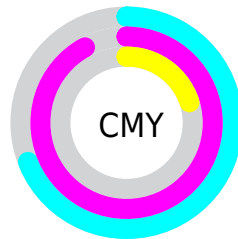
- Red (31%)
- Green (8%)
- Blue (80%)



- Red (31%)
- Yellow (8%)
- Blue (80%)



- Cyan (61%)
- Magenta (90%)
- Yellow (0%)
- Black (20%)



- Cyan (69%)
- Magenta (92%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3737, 6.5222, 57.6281 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 14.3737, 6.5222, 57.6281 by changing the saturation by 10% instead.

■ 14.3737, 6.5222,
57.6281

■ 14.3737, 6.5222,
57.6281

213.0078,
163.6324, 433.3582

■ 8.4645, 3.1651,
41.0970

■ 33.3314, 19.0053,
102.8905

■ 4.4479, 1.2185,
28.0746

■ 47.1106, 28.9002,
132.4589

■ 1.9585, 0.0768,
18.1424

■ 64.2438, 41.7431,
167.2102

■ 0.6105, 0.0000,
10.8818

■ 85.0964, 57.9185,
207.5628

■ 0.0000, 0.0000,
5.8742

■ 110.0338, 77.8107,
253.9354


■ 0.0000, 0.0000,
2.7012


■ 139.4212,


■ 0.0000, 0.0000,


101.8042, 306.7465


0.9440


 173.6241,
130.2833, 366.4146


 0.0000, 0.0000,
0.0000


 14.3737, 6.5222,
57.6281


 14.3737, 6.5222,
57.6281


 13.1074, 5.4980,
57.4974

 16.1717, 8.2240,
57.8620

 18.5869, 10.7837,
58.2288

 21.6823, 14.3080,
58.7459

 25.5120, 18.8871,
59.4279

 30.1240, 24.6006,
60.2877

■ 35.5620, 31.5204,
61.3367

■ 41.8664, 39.7121,
62.5856

■ 49.0746, 49.2367,
64.0441

■ 57.2220, 60.1511,
65.7214

Harmonies

Analogous

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



7.7726, 6.5222, 84.0298



14.3737, 6.5222, 57.6281



20.1829, 6.5222, 22.5499

Triad

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



14.3737, 6.5222, 57.6281



10.3921, 6.5222, 0.0000



0.7166, 6.5222, 12.1424

Complementary

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



14.3737, 6.5222, 57.6281



33.3940, 49.2550, 8.4086

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.



0.8610, 6.5222, 1.0584



14.3737, 6.5222, 57.6281



4.8538, 6.5222, 0.0000

Square

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



14.3737, 6.5222, 57.6281



17.1497, 6.5222, 0.0000



1.9187, 6.5222, 0.0000



1.3137, 6.5222, 42.0346

Rectangle

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



14.3737, 6.5222, 57.6281



21.6553, 6.5222, 7.7431



1.9187, 6.5222, 0.0000



0.6879, 6.5222, 6.4965

Sweetspot

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



14.3742, 6.5223, 57.6283



61.7179, 55.8445, 102.1339



21.4250, 24.9834, 60.8200



12.4792, 11.0104, 21.7174



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.



14.3742, 6.5223, 57.6283



21.5107, 9.0041, 95.2120



27.7843, 13.4354, 58.2559



10.9348, 11.0157, 14.1203



8.3365, 3.5052, 36.1935



0.5093, 0.2217, 1.8709

Inverse Universe

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



30.2618, 15.3815, 28.1569



48.8040, 24.2856, 41.7614



23.2259, 44.0132, 7.9328



11.5285, 11.3401, 13.3177



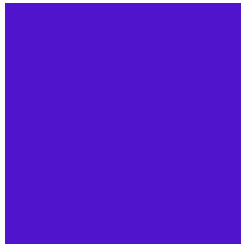
18.6312, 9.2631, 16.3086



0.9948, 0.4913, 1.0187

Previews

White Background



This preview shows how the XYZ color 14.3737, 6.5222, 57.6281 looks on a white background.

Color Contrast Check

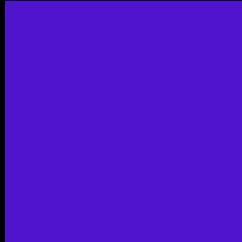
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3737, 6.5222, 57.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

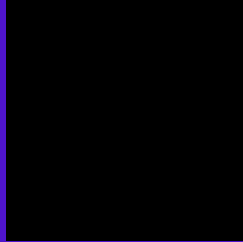
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3737, 6.5222, 57.6281

Background



This preview shows how black text looks on a background with the XYZ color 14.3737, 6.5222, 57.6281.



This preview shows how white text looks on a background with the XYZ color 14.3737, 6.5222,

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

14.3737, 6.5222, 57.6281

Protanopia

7.5355, 6.5184, 28.8780

Deuteranopia

6.2820, 6.5385, 20.6696



Tritanopia

4.7629, 6.6246, 10.0445

Trichromacy



Original Color

14.3737, 6.5222, 57.6281

Protanomaly

8.8026, 5.5443, 37.6520

Deuteranomaly

7.7056, 5.3267, 31.1939

Tritanomaly

6.2529, 5.0797, 21.7700

Monochromacy



Original Color

14.3737, 6.5222, 57.6281

Achromatopsia

4.1570, 4.3735, 4.7627

Achromatomaly

6.1098, 4.2049, 15.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3737, 6.5222, 57.6281 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(79, 20, 204)` looks like.

```
.text, #text, p{  
    color:rgb(79, 20, 204)  
}
```

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(79, 20, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 20, 204) }
```

Border

The CSS property to change the border of an element to XYZ 14.3737, 6.5222, 57.6281 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(79, 20, 204) }
```


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

```
.border{ border-color:rgb(79, 20, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 20, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 20, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 20, 204);  
box-shadow:4px 4px 4px 4px rgb(79, 20,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3737, 6.5222, 57.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 20, 204) }
```

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

```
.background{ background-color: rgb(79, 20,  
204) }
```

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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