

Converting Colors

XYZ(14.2083, 6.2351, 49.8892)

Have a look what the booklet for
XYZ(14.2083, 6.2351, 49.8892)
contains.

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Color

**XYZ(14.2278, 6.2484,
49.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	6000BF
RGB	96, 0, 191
RGB Percent	38%, 0%, 75%
CMY	0.6235, 1.0000, 0.2510
CMYK	0.50, 1.00, 0.00, 0.25
HSL	270°, 100%, 37%
HSV	270°, 100%, 75%
XYZ	14.2278, 6.2484, 49.7464
YIQ	50.4780, -4.0950, 79.7530

Conversions

Conversions Part 2

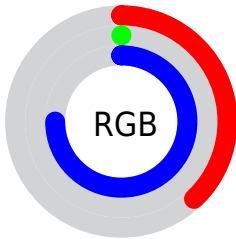
Format	Color
RYB	96, 0, 191
Decimal	6291647
CIELab	30.03, 67.07, -74.68
CIELCh	30, 100.377, 311.931
Yxy	6.2484, 0.2026, 0.0890
Android (android.graphics.Color)	4284481727 (0xFF6000BF)
YUV	50.4780, 69.2773, 39.9228
Hunter-Lab	24.9968, 57.8551, -100.4959

Details

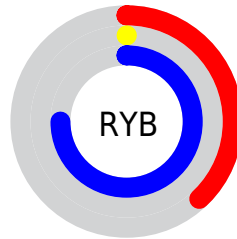
The XYZ color **14.2278, 6.2484, 49.7464** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **23.3498, 39.6945, 6.4311**, and the grayscale version is **3.0103, 3.1671, 3.4489**.

A 20% lighter version of the original color is **33.0624, 18.4139, 91.4342**, and **4.7973, 1.9597, 23.4180** is the 20% darker color. If you saturate the color by 10%, you get **14.2283, 6.2486, 49.7466**, and if you desaturate by 10%, it is **15.5236, 7.2646, 49.8744**.

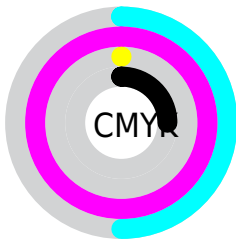
Distribution



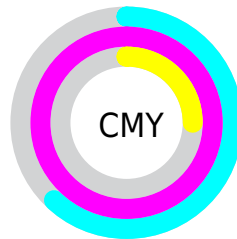
- Red (38%)
- Green (0%)
- Blue (75%)



- Red (38%)
- Yellow (0%)
- Blue (75%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (62%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2278, 6.2484, 49.7464 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 14.2278, 6.2484, 49.7464 by changing the saturation by 10% instead.

14.2278, 6.2484,
49.7464

14.2278, 6.2484,
49.7464

212.1258,
161.2638, 402.3800

8.3620, 2.9967,
34.8422

33.0756, 18.4444,
91.1915

4.3812, 1.1300,
23.2587

46.7883, 28.1574,
118.5693

1.9200, 0.0034,
14.5776

63.8474, 40.7931,
150.9422

0.5884, 0.0000,
8.3802

84.6182, 56.7357,
188.7286

0.0000, 0.0000,
4.2479

109.4661, 76.3697,
232.3470


0.0000, 0.0000,
1.7623

138.7564,

0.0000, 0.0000,

100.0794, 282.2160


0.4029

 172.8545,
128.2493, 338.7542

 0.0000, 0.0000,
0.0000


 14.2278, 6.2484,
49.7464


 14.2278, 6.2484,
49.7464


 14.2283, 6.2486,
49.7466

 15.5236, 7.2646,
49.8744

 17.1742, 8.8057,
50.0849

 19.2670, 11.0403,
50.4059

 21.8480, 14.0543,
50.8516

 24.9562, 17.9210,
51.4342

■ 28.6264, 22.7046,
52.1640

■ 32.8901, 28.4630,
53.0508

■ 37.7761, 35.2495,
54.1032

■ 43.3112, 43.1131,
55.3293

Harmonies

Analogous

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



8.0040, 6.2484, 76.2063



14.2278, 6.2484, 49.7464



19.2902, 6.2484, 18.3621

Triad

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



14.2278, 6.2484, 49.7464



9.1963, 6.2484, 0.0000



0.7625, 6.2484, 13.6569

Complementary

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



14.2278, 6.2484, 49.7464



23.3498, 39.6945, 6.4311

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.



0.8304, 6.2484, 1.5269



14.2278, 6.2484, 49.7464



4.2636, 6.2484, 0.0000

Square

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



14.2278, 6.2484, 49.7464



15.4852, 6.2484, 0.0000



1.7225, 6.2484, 0.0000



1.4404, 6.2484, 42.7396

Rectangle

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



14.2278, 6.2484, 49.7464



20.2701, 6.2484, 5.9703



1.7225, 6.2484, 0.0000



0.7109, 6.2484, 7.7107

Sweetspot

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



14.2283, 6.2486, 49.7466



58.5187, 50.4466, 94.9320



13.5414, 12.0364, 50.9000



12.1100, 10.0707, 20.6909



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.2283, 6.2486, 49.7466



25.2021, 11.0465, 89.0830



30.8899, 14.8380, 50.5263



9.4611, 9.4546, 11.9985



9.4436, 4.1544, 32.6971



0.4453, 0.2016, 1.2843

Inverse Universe

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



23.5513, 11.9026, 11.8818



42.0579, 21.2685, 20.6349



18.6309, 37.2617, 6.2103



9.7227, 9.6134, 10.9287



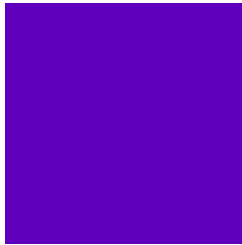
15.5182, 7.8384, 8.0224



0.6409, 0.3203, 0.4882

Previews

White Background



This preview shows how the XYZ color 14.2278, 6.2484, 49.7464 looks on a white background.

Color Contrast Check

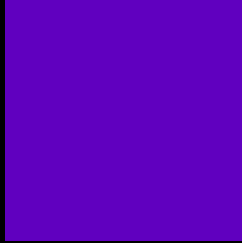
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2278, 6.2484, 49.7464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

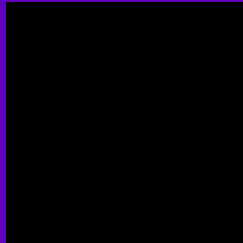
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2278, 6.2484, 49.7464

Background



This preview shows how black text looks on a background with the XYZ color 14.2278, 6.2484, 49.7464.



This preview shows how white text looks on a background with the XYZ color 14.2278, 6.2484,

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

14.2278, 6.2484, 49.7464

Protanopia

7.5985, 6.6446, 28.8990

Deuteranopia

6.3468, 6.5645, 21.0112



Tritanopia

6.0767, 6.6006, 8.5432

Trichromacy



Original Color

14.2278, 6.2484, 49.7464

Protanomaly

8.3324, 4.9144, 35.6314

Deuteranomaly

7.2551, 4.6732, 29.3738

Tritanomaly

7.3872, 4.9256, 18.3307

Monochromacy



Original Color

14.2278, 6.2484, 49.7464

Achromatopsia

3.0317, 3.1896, 3.4735

Achromatomaly

5.1802, 3.1659, 12.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2278, 6.2484, 49.7464 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(96, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 0, 191)  
}
```

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(96, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 0, 191) }
```

Border

The CSS property to change the border of an element to XYZ 14.2278, 6.2484, 49.7464 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(96, 0, 191) }
```


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

```
.border{ border-color:rgb(96, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 0, 191)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2278, 6.2484, 49.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 0, 191) }
```

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

```
.background{ background-color: rgb(96, 0,  
191) }
```

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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