

Converting Colors

XYZ(14.3266, 6.3910, 45.6064)

Have a look what the booklet for
XYZ(14.3266, 6.3910, 45.6064)
contains.

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Color

**XYZ(14.3606, 6.4037,
45.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	6800B8
RGB	104, 0, 184
RGB Percent	41%, 0%, 72%
CMY	0.5921, 1.0000, 0.2784
CMYK	0.43, 1.00, 0.00, 0.28
HSL	274°, 100%, 36%
HSV	274°, 100%, 72%
XYZ	14.3606, 6.4037, 45.8266
YIQ	52.0720, 2.9200, 79.2720

Conversions

Conversions Part 2

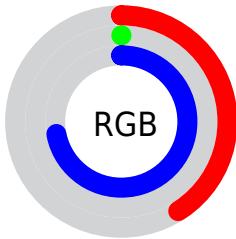
Format	Color
R_{YB}	104, 0, 184
Decimal	6815928
CIE _{Lab}	30.41, 66.27, -69.87
CIE _{LCh}	30, 96.295, 313.486
Yxy	6.4037, 0.2157, 0.0962
Android (android.graphics.Color)	4285006008 (0xFF6800B8)
YUV	52.0720, 65.0405, 45.5409
Hunter-Lab	25.3055, 57.0120, -89.6563

Details

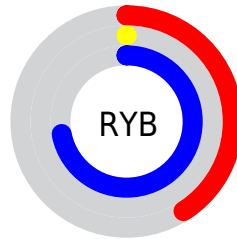
The XYZ color **14.3606, 6.4037, 45.8266** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **20.4486, 35.9865, 5.8683**, and the grayscale version is **3.1981, 3.3646, 3.6641**.

A 20% lighter version of the original color is **33.2988, 18.7721, 85.0874**, and **4.8375, 2.0361, 20.9069** is the 20% darker color. If you saturate the color by 10%, you get **14.3611, 6.4040, 45.8268**, and if you desaturate by 10%, it is **15.5571, 7.3513, 45.9466**.

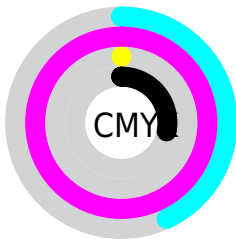
Distribution



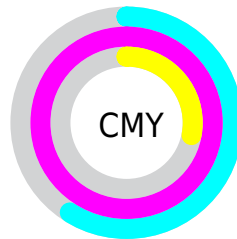
- Red (41%)
- Green (0%)
- Blue (72%)



- Red (41%)
- Yellow (0%)
- Blue (72%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)




- Cyan (59%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3606, 6.4037, 45.8266 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 14.3606, 6.4037, 45.8266 by changing the saturation by 10% instead.

 14.3606, 6.4037,
45.8266


 14.3606, 6.4037,
45.8266


212.9288,
162.6127, 386.3684


 8.4553, 3.0921,
31.7613


 33.3085, 18.7631,
85.2910


 4.4419, 1.1800,
20.9160


 47.0817, 28.5798,
111.5272


 1.9550, 0.0453,
12.8719


 64.2083, 41.3335,
142.6574

 0.6085, 0.0000,
7.2107

 85.0535, 57.4087,
179.1003

 0.0000, 0.0000,
3.5138

 109.9829, 77.1899,
221.2742


 0.0000, 0.0000,
1.3626


 139.3616,


 0.0000, 0.0000,

101.0613, 269.5979


0.1123

 173.5551,
129.4075, 324.4898

 0.0000, 0.0000,
0.0000


 14.3606, 6.4037,
45.8266


 14.3606, 6.4037,
45.8266


 14.3611, 6.4040,
45.8268

 15.5571, 7.3513,
45.9466

 17.0532, 8.7647,
46.1406

 18.9299, 10.8015,
46.4348

 21.2276, 13.5395,
46.8422

 23.9808, 17.0445,
47.3736

■ 27.2202, 21.3747,
48.0387

■ 30.9732, 26.5824,
48.8461

■ 35.2653, 32.7154,
49.8036

■ 40.1201, 39.8183,
50.9188

Harmonies

Analogous

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



8.3751, 6.4037, 71.2747



14.3606, 6.4037, 45.8266



19.0015, 6.4037, 16.8552

Triad

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



14.3606, 6.4037, 45.8266



8.9426, 6.4037, 0.0000



0.9159, 6.4037, 14.6448

Complementary

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



14.3606, 6.4037, 45.8266



20.4486, 35.9865, 5.8683

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.



0.9503, 6.4037, 1.9856



14.3606, 6.4037, 45.8266



4.2582, 6.4037, 0.0000

Square

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



14.3606, 6.4037, 45.8266



14.9507, 6.4037, 0.0000



1.8202, 6.4037, 0.0000



1.6772, 6.4037, 42.6043

Rectangle

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



14.3606, 6.4037, 45.8266



19.7509, 6.4037, 5.5513



1.8202, 6.4037, 0.0000



0.8534, 6.4037, 8.6178

Sweetspot

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



14.3611, 6.4040, 45.8268



55.7827, 47.6744, 88.4666



11.7298, 9.6167, 46.5856



11.3914, 9.3908, 18.9338



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



14.3611, 6.4040, 45.8268



25.7538, 11.4648, 83.0602



27.4855, 13.2777, 41.5689



8.9937, 8.9631, 11.3355



9.9798, 4.4560, 31.5872



0.4214, 0.1930, 1.1168

Inverse Universe

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



21.2151, 10.7695, 8.5494



38.3430, 19.4766, 14.8921



17.1910, 34.3013, 5.9789



9.1624, 9.0753, 10.2026



14.6554, 7.4359, 6.0723



0.5478, 0.2746, 0.3783

Previews

White Background



This preview shows how the XYZ color 14.3606, 6.4037, 45.8266 looks on a white background.

Color Contrast Check

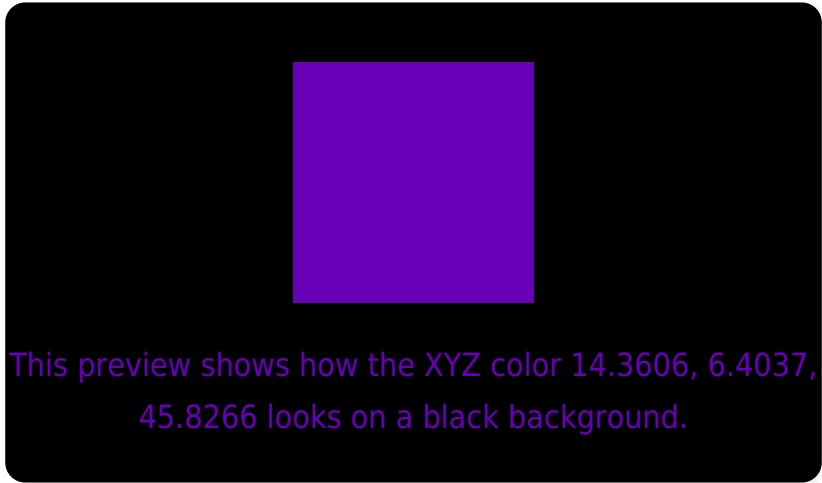
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

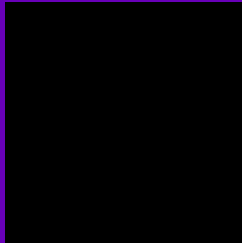
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3606, 6.4037, 45.8266

Background



This preview shows how black text looks on a background with the XYZ color 14.3606, 6.4037, 45.8266.



This preview shows how white text looks on a background with the XYZ color 14.3606, 6.4037,

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

14.3606, 6.4037, 45.8266

Protanopia

7.9033, 6.8691, 30.1875

Tritanopia

6.8814, 6.8328, 7.9774

Trichromacy



Original Color

14.3606, 6.4037, 45.8266

Protanomaly

8.3872, 5.0104, 35.1754

Tritanomaly

8.1539, 5.2897, 17.1142

Monochromacy



Original Color

14.3606, 6.4037, 45.8266

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

5.4426, 3.3474, 12.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3606, 6.4037, 45.8266 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(104, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(104, 0, 184)  
}
```

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(104, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 0, 184) }
```

Border

The CSS property to change the border of an element to XYZ 14.3606, 6.4037, 45.8266 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(104, 0, 184) }
```

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

```
.border{ border-color:rgb(104, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(104, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(104, 0,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 14.3606, 6.4037, 45.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 0, 184) }
```

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

```
.background{ background-color: rgb(104, 0,  
184) }
```

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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