

Converting Colors

XYZ(10.1436, 4.5650, 30.4835)

Have a look what the booklet for
XYZ(10.1436, 4.5650, 30.4835)
contains.

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Color

**XYZ(10.1634, 4.5752,
30.4844)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0099
RGB	92, 0, 153
RGB Percent	36%, 0%, 60%
CMY	0.6392, 1.0000, 0.4000
CMYK	0.40, 1.00, 0.00, 0.40
HSL	276°, 100%, 30%
HSV	276°, 100%, 60%
XYZ	10.1634, 4.5752, 30.4844
YIQ	44.9500, 5.7190, 67.0870

Conversions

Conversions Part 2

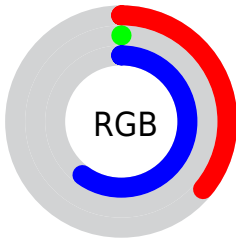
Format	Color
RYB	92, 0, 153
Decimal	6029465
CIELab	25.49, 58.49, -59.31
CIELCh	25, 83.298, 314.604
Yxy	4.5752, 0.2247, 0.1012
Android (android.graphics.Color)	4284219545 (0xFF5C0099)
YUV	44.9500, 53.2687, 41.2629
Hunter-Lab	21.3897, 47.3829, -69.5267

Details

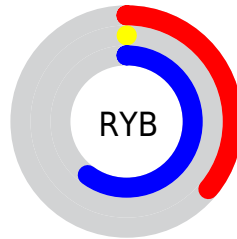
The XYZ color **10.1634, 4.5752, 30.4844** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **13.3156, 23.7745, 3.8871**, and the grayscale version is **2.4369, 2.5638, 2.7920**.

A 20% lighter version of the original color is **25.7867, 14.9579, 61.2026**, and **2.9762, 1.2629, 12.3988** is the 20% darker color. If you saturate the color by 10%, you get **10.1637, 4.5754, 30.4845**, and if you desaturate by 10%, it is **10.9730, 5.2525, 30.5726**.

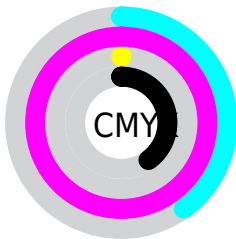
Distribution



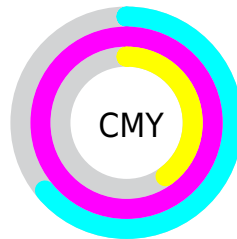
- Red (36%)
- Green (0%)
- Blue (60%)



- Red (36%)
- Yellow (0%)
- Blue (60%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1634, 4.5752, 30.4844 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 10.1634, 4.5752, 30.4844 by changing the saturation by 10% instead.

10.1634, 4.5752,
30.4844

10.1634, 4.5752,
30.4844

185.8637,
145.6430, 318.4332

5.5705, 2.0002,
19.9514

25.7493, 14.8939,
61.4974

2.6239, 0.6076,
12.1760

37.4730, 23.4064,
82.8145

0.9581, 0.0000,
6.7397

52.3044, 34.6669,
108.5634

0.0000, 0.0000,
3.2239

70.6088, 49.0598,
139.1625


0.0000, 0.0000,
1.2100

92.7516, 66.9695,
175.0306

0.0000, 0.0000,
0.0000


119.0981, 88.7803,

216.5860

 150.0137,
114.8767, 264.2474


 10.1634, 4.5752,
30.4844


 10.1634, 4.5752,
30.4844


 10.1637, 4.5754,
30.4845

 10.9730, 5.2525,
30.5726

 11.9618, 6.2143,
30.7061

 13.1909, 7.5805,
30.9050

 14.6852, 9.3994,
31.1773

 16.4661, 11.7123,
31.5299

■ 18.5524, 14.5556,
31.9688

■ 20.9616, 17.9623,
32.4994

■ 23.7092, 21.9627,
33.1267

■ 26.8101, 26.5848,
33.8554

Harmonies

Analogous

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



6.0677, 4.5752, 47.9281



10.1634, 4.5752, 30.4844



13.2319, 4.5752, 11.1778

Triad

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



10.1634, 4.5752, 30.4844



6.1697, 4.5752, 0.0000



0.7142, 4.5752, 10.7838

Complementary

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



10.1634, 4.5752, 30.4844



13.3156, 23.7745, 3.8871

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.



0.7215, 4.5752, 1.6424



10.1634, 4.5752, 30.4844



2.9894, 4.5752, 0.0000

Square

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



10.1634, 4.5752, 30.4844



10.2685, 4.5752, 0.0000



1.3251, 4.5752, 0.0000



1.2983, 4.5752, 29.9182

Rectangle

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



10.1634, 4.5752, 30.4844



13.6531, 4.5752, 3.7113



1.3251, 4.5752, 0.0000



0.6551, 4.5752, 6.5130

Sweetspot

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



10.1637, 4.5754, 30.4845



37.2673, 31.7776, 58.1415



7.4292, 5.6588, 30.8378



7.8497, 6.4763, 12.7538



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



10.1637, 4.5754, 30.4845



17.9880, 8.0837, 54.5842



17.7027, 8.5986, 24.6578



6.2228, 6.2007, 7.7979



8.4384, 3.8012, 25.1967



0.1670, 0.0779, 0.3786

Inverse Universe

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



13.9791, 7.1092, 5.0499



24.9488, 12.6973, 8.5897



11.4796, 22.8179, 4.2625



6.3057, 6.2614, 6.9900



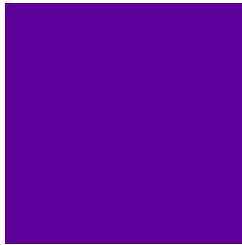
11.5691, 5.8819, 4.2559



0.1902, 0.0948, 0.1542

Previews

White Background



This preview shows how the XYZ color 10.1634, 4.5752, 30.4844 looks on a white background.

Color Contrast Check

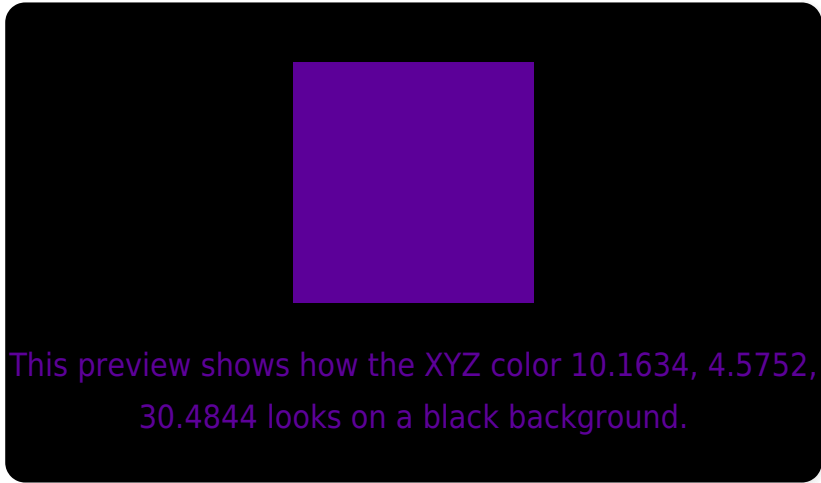
Large Text (above 18pt) WCAG AA ✓ Pass

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

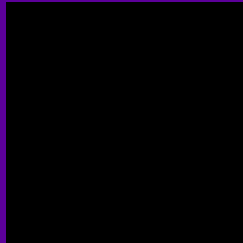
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.1634, 4.5752, 30.4844

Background



This preview shows how black text looks on a background with the XYZ color 10.1634, 4.5752, 30.4844.



This preview shows how white text looks on a background with the XYZ color 10.1634, 4.5752,

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

10.1634, 4.5752, 30.4844

Protanopia

5.6312, 4.9225, 21.4222

Deuteranopia

4.7595, 4.9283, 15.7393



Tritanopia

5.2889, 5.0184, 5.5404

Trichromacy



Original Color

10.1634, 4.5752, 30.4844

Protanomaly

5.9402, 3.6093, 24.4283

Deuteranomaly

5.1860, 3.4156, 20.1246

Tritanomaly

6.1127, 3.9362, 11.5039

Monochromacy



Original Color

10.1634, 4.5752, 30.4844

Achromatopsia

2.4942, 2.6241, 2.8577

Achromatomaly

4.0262, 2.5430, 8.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1634, 4.5752, 30.4844 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(92, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 153)  
}
```

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(92, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 153) }
```

Border

The CSS property to change the border of an element to XYZ 10.1634, 4.5752, 30.4844 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(92, 0, 153) }
```


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

```
.border{ border-color:rgb(92, 0, 153) }
```

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

Here you see how a box with a 4 pixel rgb(92, 0, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(92, 0, 153)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.1634, 4.5752, 30.4844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 153) }
```

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

```
.background{ background-color: rgb(92, 0,  
153) }
```

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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