

Converting Colors

XYZ(11.7244, 6.7513, 34.4034)

Have a look what the booklet for
XYZ(11.7244, 6.7513, 34.4034)
contains.

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Color

**XYZ(11.7244, 6.7513,
34.4034)**

Conversions

Conversions Part 1

Format	Color
Hex	5B2EA1
RGB	91, 46, 161
RGB Percent	36%, 18%, 63%
CMY	0.6431, 0.8196, 0.3686
CMYK	0.43, 0.71, 0.00, 0.37
HSL	263°, 56%, 41%
HSV	263°, 71%, 63%
XYZ	11.7244, 6.7513, 34.4034
YIQ	72.5650, -10.0950, 45.3050

Conversions

Conversions Part 2

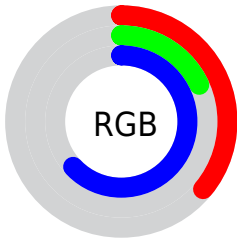
Format	Color
R _Y B	91, 46, 161
Decimal	5975713
CIE Lab	31.23, 45.30, -54.78
CIE LCh	31, 71.089, 309.589
Yxy	6.7513, 0.2217, 0.1277
Android (android.graphics.Color)	4284165793 (0xFF5B2EA1)
YUV	72.5650, 43.5985, 16.1675
Hunter-Lab	25.9833, 35.0736, -60.3152

Details

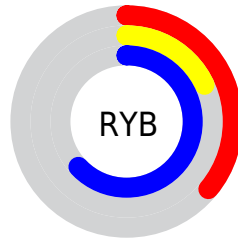
The XYZ color **11.7244, 6.7513, 34.4034** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **20.4401, 29.3999, 7.1822**, and the grayscale version is **6.1855, 6.5076, 7.0868**.

A 20% lighter version of the original color is **28.7399, 19.5785, 67.9099**, and **3.3024, 1.3898, 14.2816** is the 20% darker color. If you saturate the color by 10%, you get **10.3056, 5.2550, 34.1895**, and if you desaturate by 10%, it is **13.5059, 8.7847, 34.7021**.

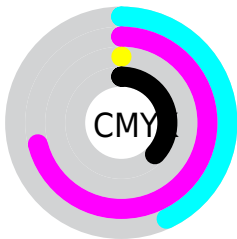
Distribution



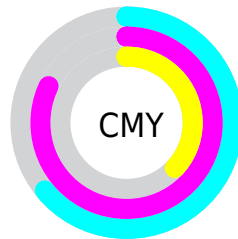
- Red (36%)
- Green (18%)
- Blue (63%)



- Red (36%)
- Yellow (18%)
- Blue (63%)



- Cyan (43%)
- Magenta (71%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7244, 6.7513, 34.4034 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 11.7244, 6.7513, 34.4034 by changing the saturation by 10% instead.

■ 11.7244, 6.7513,
34.4034

■ 11.7244, 6.7513,
34.4034

196.3795,
165.5809, 336.7510

■ 6.6272, 3.3071,
22.9238

■ 28.6134, 19.4711,
67.7015

■ 3.2743, 1.2941,
14.3325

■ 41.1358, 29.5155,
90.3572

■ 1.3004, 0.1366,
8.2109

■ 56.8641, 42.5287,
117.5753

■ 0.1835, 0.0000,
4.1405

■ 76.1635, 58.8951,
149.7743

■ 0.0000, 0.0000,
1.7027

■ 99.3993, 78.9991,
187.3728

■ 0.0000, 0.0000,
0.3626

■ 126.9371,

■ 0.0000, 0.0000,

103.2252, 230.7895

0.0000

159.1420,
131.9576, 280.4426

■ 11.7244, 6.7513,
34.4034

■ 11.7244, 6.7513,
34.4034

■ 10.3056, 5.2550,
34.1895

■ 13.5059, 8.7847,
34.7021

■ 9.2157, 4.2369,
34.0504

■ 15.6773, 11.4042,
35.0933

■ 8.4833, 3.6301,
33.9719

■ 18.2641, 14.6539,
35.5842

■ 21.2891, 18.5733,
36.1813

■ 24.7734, 23.1986,
36.8905

■ 28.7366, 28.5634,
37.7171

■ 33.1970, 34.6989,
38.6662

■ 38.1722, 41.6347,
39.7428

■ 43.6786, 49.3987,
40.9512

Harmonies

Analogous

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



7.6030, 6.7513, 47.3578



11.7244, 6.7513, 34.4034



15.0030, 6.7513, 16.3158

Triad

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



11.7244, 6.7513, 34.4034



9.0581, 6.7513, 0.0000



1.8091, 6.7513, 11.0468

Complementary

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



11.7244, 6.7513, 34.4034



20.4401, 29.3999, 7.1822

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.



1.9539, 6.7513, 2.4738



11.7244, 6.7513, 34.4034



5.3610, 6.7513, 0.0000

Square

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



11.7244, 6.7513, 34.4034



13.1157, 6.7513, 0.5976



3.0158, 6.7513, 0.0000



2.5057, 6.7513, 27.7090

Rectangle

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



11.7244, 6.7513, 34.4034



15.7585, 6.7513, 7.4899



3.0158, 6.7513, 0.0000



1.7691, 6.7513, 7.2139

Sweetspot

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



11.7248, 6.7515, 34.4036



44.3899, 41.5775, 66.0722



13.9113, 15.8572, 36.0459



9.3660, 8.6244, 14.4147



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



11.7248, 6.7515, 34.4036



17.1836, 8.1898, 61.0616



19.5476, 10.7843, 34.7697



6.9504, 6.9888, 8.8857



6.8184, 2.9215, 27.1343



0.1954, 0.0883, 0.5726

Inverse Universe

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



18.8272, 10.7919, 17.6127



31.4093, 16.3183, 25.8163



15.0665, 26.6297, 6.9307



7.2463, 7.1550, 8.2835



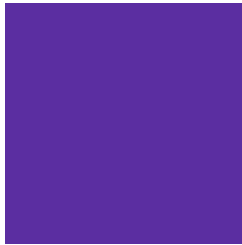
13.5198, 6.7640, 9.9278



0.3063, 0.1510, 0.3255

Previews

White Background



This preview shows how the XYZ color 11.7244, 6.7513, 34.4034 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 11.7244, 6.7513, 34.4034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

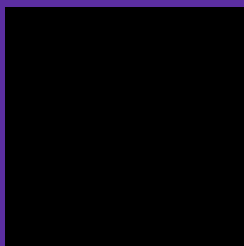
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7244, 6.7513, 34.4034

Background



This preview shows how black text looks on a background with the XYZ color 11.7244, 6.7513, 34.4034.



This preview shows how white text looks on a background with the XYZ color 11.7244, 6.7513,

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

11.7244, 6.7513, 34.4034

Protanopia

7.8392, 6.7408, 30.1661

Deuteranopia

6.6137, 6.7806, 22.0793



Tritanopia

6.5692, 6.8545, 8.5662

Trichromacy



Original Color

11.7244, 6.7513, 34.4034

Protanomaly

8.2662, 6.1351, 31.7589

Deuteranomaly

7.3252, 6.0270, 25.9766

Tritanomaly

7.8182, 6.4332, 15.2977

Monochromacy



Original Color

11.7244, 6.7513, 34.4034

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.6356, 6.2804, 14.1744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7244, 6.7513, 34.4034 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(91, 46, 161)` looks like.

```
.text, #text, p{  
    color:rgb(91, 46, 161)  
}
```

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(91, 46, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 46, 161) }
```

Border

The CSS property to change the border of an element to XYZ 11.7244, 6.7513, 34.4034 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(91, 46, 161) }
```


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

```
.border{ border-color:rgb(91, 46, 161) }
```

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

Here you see how a box with a 4 pixel rgb(91, 46, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 46, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 46, 161);  
box-shadow:4px 4px 4px 4px rgb(91, 46,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7244, 6.7513, 34.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 46, 161) }
```

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

```
.background{ background-color: rgb(91, 46,  
161) }
```

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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