

Converting Colors

XYZ(11.6329, 6.3318, 25.2962)

Have a look what the booklet for
XYZ(11.6329, 6.3318, 25.2962)
contains.

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Color

**XYZ(11.6413, 6.3467,
25.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	6D238C
RGB	109, 35, 140
RGB Percent	43%, 14%, 55%
CMY	0.5725, 0.8627, 0.4510
CMYK	0.22, 0.75, 0.00, 0.45
HSL	282°, 60%, 34%
HSV	282°, 75%, 55%
XYZ	11.6413, 6.3467, 25.4224
YIQ	69.0960, 10.3990, 48.3430

Conversions

Conversions Part 2

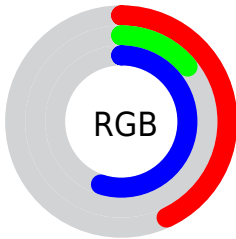
Format	Color
RYB	109, 35, 140
Decimal	7152524
CIELab	30.27, 48.86, -43.38
CIELCh	30, 65.340, 318.405
Yxy	6.3467, 0.2682, 0.1462
Android (android.graphics.Color)	4285342604 (0xFF6D238C)
YUV	69.0960, 34.9557, 34.9958
Hunter-Lab	25.1927, 38.3961, -42.1958

Details

The XYZ color **11.6413, 6.3467, 25.4224** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **11.9284, 20.0359, 4.8289**, and the grayscale version is **5.6160, 5.9085, 6.4344**.

A 20% lighter version of the original color is **28.4556, 18.6039, 53.1301**, and **3.4341, 1.5620, 9.5717** is the 20% darker color. If you saturate the color by 10%, you get **10.8121, 5.4251, 25.2883**, and if you desaturate by 10%, it is **12.6594, 7.6099, 25.6127**.

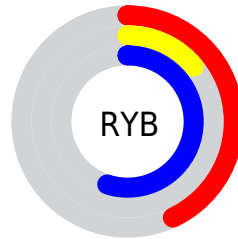
Distribution



Red (43%)

Green (14%)

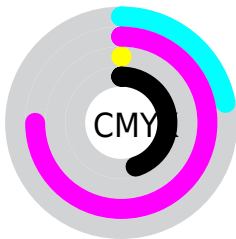
Blue (55%)



Red (43%)

Yellow (14%)

Blue (55%)

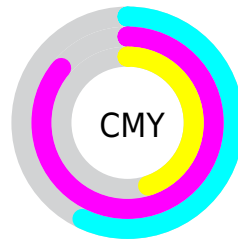


Cyan (22%)

Magenta (75%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (86%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6413, 6.3467, 25.4224 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 11.6413, 6.3467, 25.4224 by changing the saturation by 10% instead.

■ 11.6413, 6.3467,
25.4224

■ 11.6413, 6.3467,
25.4224

195.8347,
162.1193, 293.4498

■ 6.5704, 3.0570,
16.1702

■ 28.4627, 18.6463,
53.3142

■ 3.2388, 1.1616,
9.4890

■ 40.9438, 28.4251,
72.7909

■ 1.2813, 0.0300,
4.9603

■ 56.6258, 41.1356,
96.5128

■ 0.1691, 0.0000,
2.1657

■ 75.8738, 57.1624,
124.8985

■ 0.0000, 0.0000,
0.6545

■ 99.0534, 76.8897,
158.3665

■ 0.0000, 0.0000,
0.0000

■ 126.5299,

100.7021, 197.3354

158.6685,
128.9838, 242.2236

■ 11.6413, 6.3467,
25.4224

■ 11.6413, 6.3467,
25.4224

■ 10.8121, 5.4251,
25.2883

■ 12.6594, 7.6099,
25.6127

■ 10.1468, 4.7969,
25.2021

■ 13.8834, 9.2492,
25.8646

■ 9.8430, 4.5274,
25.1661

■ 15.3292, 11.2955,
26.1834

■ 17.0106, 13.7763,
26.5736

■ 18.9405, 16.7167,
27.0394

■ 21.1306, 20.1396,
27.5847

■ 23.5918, 24.0668,
28.2130

■ 26.3346, 28.5184,
28.9277

■ 29.3687, 33.5134,
29.7319

Harmonies

Analogous

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



8.1046, 6.3467, 38.7856



11.6413, 6.3467, 25.4224



13.9035, 6.3467, 10.9159

Triad

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



11.6413, 6.3467, 25.4224



7.3042, 6.3467, 0.0000



1.9743, 6.3467, 13.7773

Complementary

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



11.6413, 6.3467, 25.4224



11.9284, 20.0359, 4.8289

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.



1.8890, 6.3467, 4.0287



11.6413, 6.3467, 25.4224



4.3474, 6.3467, 0.0000

Square

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



11.6413, 6.3467, 25.4224



10.8863, 6.3467, 0.2325



2.5961, 6.3467, 0.6162



2.8904, 6.3467, 28.9748

Rectangle

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



11.6413, 6.3467, 25.4224



14.0037, 6.3467, 4.7139



2.5961, 6.3467, 0.6162



1.8627, 6.3467, 9.7014

Sweetspot

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



11.6416, 6.3469, 25.4225



34.3274, 30.9198, 47.9018



7.4045, 6.2061, 25.6187



7.7100, 6.8150, 10.9885



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.6416, 6.3469, 25.4225



18.2276, 8.7562, 44.4724



14.7462, 8.1096, 18.2411



5.0925, 5.0561, 6.3134



8.7662, 4.0332, 22.3622



0.0729, 0.0344, 0.1492

Inverse Universe

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



12.3998, 7.1710, 5.8850



20.2754, 10.6617, 6.1763



10.7852, 19.3991, 6.9176



5.0897, 5.0713, 5.5607



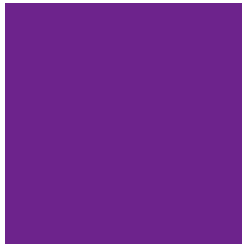
9.9785, 5.1015, 2.3911



0.0721, 0.0362, 0.0464

Previews

White Background



This preview shows how the XYZ color 11.6413, 6.3467, 25.4224 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 11.6413, 6.3467, 25.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

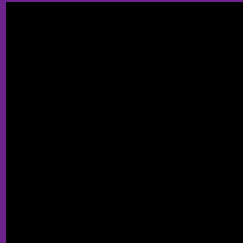
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6413, 6.3467, 25.4224

Background



This preview shows how black text looks on a background with the XYZ color 11.6413, 6.3467, 25.4224.



This preview shows how white text looks on a background with the XYZ color 11.6413, 6.3467,

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

11.6413, 6.3467, 25.4224

Protanopia

7.5355, 6.5184, 28.8780

Deuteranopia

6.4780, 6.5093, 22.0341



Tritanopia

7.7727, 6.4472, 6.1449

Trichromacy



Original Color

11.6413, 6.3467, 25.4224



Protanomaly

7.4490, 5.4217, 27.4419



Deuteranomaly

6.7940, 5.4041, 23.2393



Tritanomaly

8.7279, 6.0889, 11.3049

Monochromacy



Original Color

11.6413, 6.3467, 25.4224



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

7.1848, 5.6373, 11.5359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6413, 6.3467, 25.4224 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(109, 35, 140)` looks like.

```
.text, #text, p{  
    color:rgb(109, 35, 140)  
}
```

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(109, 35, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 35, 140) }
```

Border

The CSS property to change the border of an element to XYZ 11.6413, 6.3467, 25.4224 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(109, 35, 140) }
```


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

```
.border{ border-color:rgb(109, 35, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 35, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 35, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 35, 140);  
box-shadow:4px 4px 4px 4px rgb(109, 35,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6413, 6.3467, 25.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 35, 140) }
```

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

```
.background{ background-color: rgb(109, 35,  
140) }
```

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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