

Converting Colors

XYZ(22.3261, 11.1547, 65.9421)

Have a look what the booklet for
XYZ(22.3261, 11.1547, 65.9421)
contains.

XYZ(22.3261, 11.1547, 65.9421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(22.3261, 11.1547,
65.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	8227D8
RGB	130, 39, 216
RGB Percent	51%, 15%, 85%
CMY	0.4902, 0.8471, 0.1529
CMYK	0.40, 0.82, 0.00, 0.15
HSL	271°, 69%, 50%
HSV	271°, 82%, 85%
XYZ	22.3261, 11.1547, 65.9421
YIQ	86.3870, -2.5810, 74.3390

Conversions

Conversions Part 2

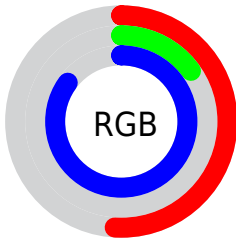
Format	Color
R _Y B	130, 39, 216
Decimal	8529880
CIE Lab	39.84, 67.82, -72.94
CIE LCh	40, 99.593, 312.916
Yxy	11.1547, 0.2246, 0.1122
Android (android.graphics.Color)	4286719960 (0xFF8227D8)
YUV	86.3870, 63.8992, 38.2486
Hunter-Lab	33.3987, 60.8748, -93.6828

Details

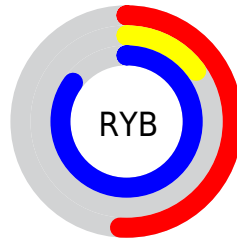
The XYZ color **22.3261, 11.1547, 65.9421** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **33.3791, 53.6181, 10.5095**, and the grayscale version is **8.7967, 9.2548, 10.0785**.

A 20% lighter version of the original color is **43.5599, 26.7165, 97.4687**, and **8.7994, 3.8033, 33.5280** is the 20% darker color. If you saturate the color by 10%, you get **20.2793, 9.3294, 65.6979**, and if you desaturate by 10%, it is **24.9416, 13.8716, 66.3289**.

Distribution



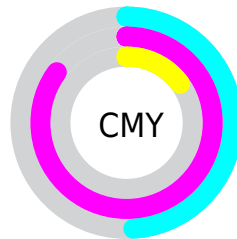
- Red (51%)
- Green (15%)
- Blue (85%)



- Red (51%)
- Yellow (15%)
- Blue (85%)



- Cyan (40%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (49%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3261, 11.1547, 65.9421 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 22.3261, 11.1547, 65.9421 by changing the saturation by 10% instead.

■ 22.3261, 11.1547,
65.9421

■ 22.3261, 11.1547,
65.9421

256.8450,
198.7258, 464.5683

■ 14.2147, 6.1710,
47.7692

■ 46.7592, 27.9459,
115.0294

■ 8.3528, 2.9493,
33.2855

■ 63.8116, 40.5221,
146.7810

■ 4.3752, 1.1053,
22.0723

■ 84.5750, 56.3980,
183.8958

■ 1.9165, 0.0000,
13.7112

■ 109.4149, 75.9579,
226.7925

■ 0.5864, 0.0000,
7.7836

■ 138.6964, 99.5863,
275.8895

■ 0.0000, 0.0000,
3.8710

■ 172.7850,

■ 0.0000, 0.0000,

127.6675, 331.6055

1.5549

212.0461,
160.5858, 394.3589

■ 0.0000, 0.0000,
0.2583

■ 0.0000, 0.0000,
0.0000

■ 22.3261, 11.1547,
65.9421

■ 22.3261, 11.1547,
65.9421

■ 20.2793, 9.3294,
65.6979

■ 24.9416, 13.8716,
66.3289

■ 18.9573, 8.3410,
65.5768

■ 28.1883, 17.6013,
66.8777

■ 32.1212, 22.4460,
67.6056

■ 36.7883, 28.4951,
68.5272

■ 42.2325, 35.8284,
69.6557

■ 48.4932, 44.5188,
71.0031

■ 55.6070, 54.6334,
72.5805

■ 63.6080, 66.2350,
74.3981

■ 72.5284, 79.3824,
76.4657

Harmonies

Analogous

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



13.8246, 11.1547, 98.3761



22.3261, 11.1547, 65.9421



28.8143, 11.1547, 26.9239

Triad

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



22.3261, 11.1547, 65.9421



14.9575, 11.1547, 0.0000



2.2524, 11.1547, 22.6692

Complementary

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



22.3261, 11.1547, 65.9421



33.3791, 53.6181, 10.5095

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.



2.3417, 11.1547, 4.0969



22.3261, 11.1547, 65.9421



7.9240, 11.1547, 0.0000

Square

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



22.3261, 11.1547, 65.9421



23.4564, 11.1547, 0.0611



3.9284, 11.1547, 0.0000



3.5895, 11.1547, 60.1348

Rectangle

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



22.3261, 11.1547, 65.9421



29.9260, 11.1547, 10.3270



3.9284, 11.1547, 0.0000



2.1417, 11.1547, 14.1660

Sweetspot

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



22.3267, 11.1550, 65.9424



67.4841, 60.4423, 102.7175



20.8855, 20.6974, 67.8602



13.7530, 11.9777, 21.8370



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



22.3267, 11.1550, 65.9424



27.8709, 12.3650, 95.5255



41.4392, 21.0079, 66.8368



12.3454, 12.3195, 15.6647



11.3459, 5.0016, 38.8206



0.7798, 0.3509, 2.3459

Inverse Universe

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



32.7460, 17.5306, 21.0586



45.0946, 22.8904, 21.9549



25.7589, 49.6897, 10.1529



12.6721, 12.5204, 14.2137



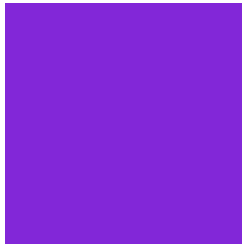
18.3236, 9.2658, 9.0080



1.1469, 0.5756, 0.7631

Previews

White Background



This preview shows how the XYZ color 22.3261, 11.1547, 65.9421 looks on a white background.

Color Contrast Check

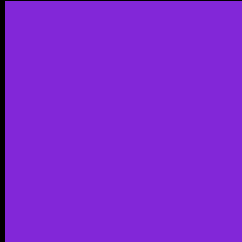
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.3261, 11.1547, 65.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

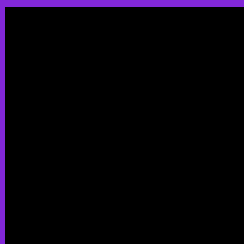
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.3261, 11.1547, 65.9421

Background



This preview shows how black text looks on a background with the XYZ color 22.3261, 11.1547, 65.9421.



This preview shows how white text looks on a background with the XYZ color 22.3261, 11.1547,

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

22.3261, 11.1547, 65.9421

Deuteranopia

11.0662, 11.2660, 37.1886

Tritanopia

11.6395, 11.1787, 12.8535

Trichromacy



Original Color

22.3261, 11.1547, 65.9421



Deuteranomaly

12.4085, 9.2339, 46.4757



Tritanomaly

13.9263, 9.9773, 26.0028

Monochromacy



Original Color

22.3261, 11.1547, 65.9421



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

11.8412, 8.7745, 23.2598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3261, 11.1547, 65.9421 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(130, 39, 216)` looks like.

```
.text, #text, p{  
    color:rgb(130, 39, 216)  
}
```

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(130, 39, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 39, 216) }
```

Border

The CSS property to change the border of an element to XYZ 22.3261, 11.1547, 65.9421 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(130, 39, 216) }
```

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

```
.border{ border-color:rgb(130, 39, 216) }
```

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

Here you see how a box with a 4 pixel rgb(130, 39, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 39, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 39, 216);  
box-shadow:4px 4px 4px 4px rgb(130, 39,  
216) }
```


Background

The CSS property to change the background color of an element to XYZ 22.3261, 11.1547, 65.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 39, 216) }
```

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

```
.background{ background-color: rgb(130, 39,  
216) }
```

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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