

Converting Colors

XYZ(25.7281, 13.4571, 60.9160)

Have a look what the booklet for
XYZ(25.7281, 13.4571, 60.9160)
contains.

XYZ(25.7281, 13.4571, 60.9160)	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>	31

Color

**XYZ(25.7281, 13.4571,
60.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	9A2FD0
RGB	154, 47, 208
RGB Percent	60%, 18%, 82%
CMY	0.3961, 0.8157, 0.1843
CMYK	0.26, 0.77, 0.00, 0.18
HSL	280°, 63%, 50%
HSV	280°, 77%, 82%
XYZ	25.7281, 13.4571, 60.9160
YIQ	97.3470, 12.0910, 72.7550

Conversions

Conversions Part 2

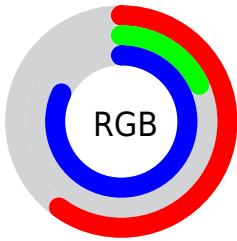
Format	Color
RYB	154, 47, 208
Decimal	10104784
CIELab	43.44, 67.22, -62.31
CIElCh	43, 91.653, 317.169
Yxy	13.4571, 0.2570, 0.1344
Android (android.graphics.Color)	4288294864 (0xFF9A2FD0)
YUV	97.3470, 54.5519, 49.6847
Hunter-Lab	36.6839, 60.9933, -72.7761

Details

The XYZ color **25.7281, 13.4571, 60.9160** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle washed purple. A complement of this color would be **28.4360, 48.0839, 10.4720**, and the grayscale version is **11.3161, 11.9054, 12.9650**.

A 20% lighter version of the original color is **50.5421, 31.4693, 98.0181**, and **10.5973, 4.8084, 30.0753** is the 20% darker color. If you saturate the color by 10%, you get **23.7965, 11.5074, 60.6417**, and if you desaturate by 10%, it is **28.1341, 16.2394, 61.3265**.

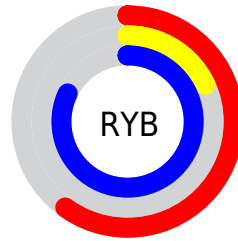
Distribution



Red (60%)

Green (18%)

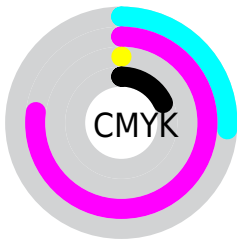
Blue (82%)



Red (60%)

Yellow (18%)

Blue (82%)

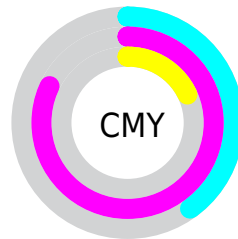


Cyan (26%)

Magenta (77%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (82%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7281, 13.4571, 60.9160 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 25.7281, 13.4571, 60.9160 by changing the saturation by 10% instead.

■ 25.7281, 13.4571,
60.9160

■ 25.7281, 13.4571,
60.9160

273.7260,
213.8267, 445.8640

■ 16.7520, 7.7441,
43.7273

■ 52.2704, 32.1226,
107.7136

■ 10.1520, 3.9316,
30.1205

■ 70.5673, 45.8438,
138.1596

■ 5.5629, 1.6354,
19.6773

■ 92.7018, 63.0032,
173.8618

■ 2.6193, 0.3813,
11.9789

■ 119.0393, 83.9852,
215.2387

■ 0.9558, 0.0000,
6.6070

■ 149.9451,
109.1741, 262.7088

■ 0.0000, 0.0000,
3.1428

■ 185.7846,

■ 0.0000, 0.0000,

138.9544, 316.6907

1.1680

226.9231,
173.7105, 377.6029

■ 0.0000, 0.0000,
0.0000

■ 25.7281, 13.4571,
60.9160

■ 25.7281, 13.4571,
60.9160

■ 23.7965, 11.5074,
60.6417

■ 28.1341, 16.2394,
61.3265

■ 22.2675, 10.2512,
60.4798

■ 31.0635, 19.9528,
61.8888

■ 21.9059, 9.9777,
60.4461

■ 34.5607, 24.6835,
62.6176

■ 38.6644, 30.5072,
63.5254

■ 43.4097, 37.4921,
64.6236

■ 48.8288, 45.7011,
65.9224

■ 54.9515, 55.1922,
67.4317

■ 61.8059, 66.0196,
69.1603

■ 69.4183, 78.2347,
71.1169

Harmonies

Analogous

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



17.2853, 13.4571, 93.4397



25.7281, 13.4571, 60.9160



31.3840, 13.4571, 25.2304

Triad

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



25.7281, 13.4571, 60.9160



16.0872, 13.4571, 0.0000



3.6478, 13.4571, 29.5893

Complementary

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



25.7281, 13.4571, 60.9160



28.4360, 48.0839, 10.4720

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.



3.5325, 13.4571, 7.5418



25.7281, 13.4571, 60.9160



9.1516, 13.4571, 0.0000

Square

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



25.7281, 13.4571, 60.9160



24.5750, 13.4571, 0.5375



5.1343, 13.4571, 0.8805



5.5445, 13.4571, 66.5201

Rectangle

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



25.7281, 13.4571, 60.9160



31.8142, 13.4571, 10.2738



5.1343, 13.4571, 0.8805



3.4336, 13.4571, 20.1263

Sweetspot

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



25.7288, 13.4576, 60.9163



72.2387, 64.5762, 103.2648



17.4429, 14.9291, 61.6371



14.8129, 12.8457, 21.9487



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.



25.7288, 13.4576, 60.9163



36.0468, 16.8152, 95.9535



35.6653, 18.8976, 47.0333



11.9096, 11.8022, 14.8940



13.7593, 6.2735, 37.6782



0.8518, 0.3933, 2.1106

Inverse Universe

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



29.3781, 16.3828, 13.9258



43.6297, 22.5581, 13.4592



24.8706, 46.1733, 13.5884



11.9700, 11.8727, 13.1177



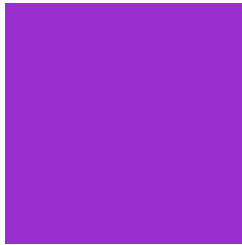
16.9372, 8.6477, 4.5754



0.9836, 0.4982, 0.4486

Previews

White Background



This preview shows how the XYZ color 25.7281, 13.4571, 60.9160 looks on a white background.

Color Contrast Check

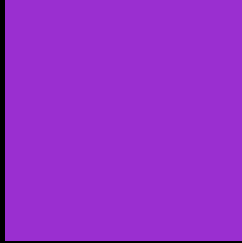
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7281, 13.4571, 60.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

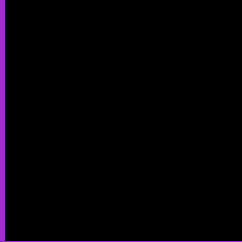
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7281, 13.4571, 60.9160

Background



This preview shows how black text looks on a background with the XYZ color 25.7281, 13.4571, 60.9160.



This preview shows how white text looks on a background with the XYZ color 25.7281, 13.4571,

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

25.7281, 13.4571, 60.9160

Protanopia

16.1900, 13.7675, 62.7769

Deuteranopia

13.7033, 13.5638, 47.2432



Tritanopia

15.9672, 13.4096, 13.0560

Trichromacy



Original Color

25.7281, 13.4571, 60.9160



Protanomaly

16.0819, 11.3291, 61.6607



Deuteranomaly

14.4268, 11.0317, 51.8210



Tritanomaly

18.2918, 12.5433, 25.1239

Monochromacy



Original Color

25.7281, 13.4571, 60.9160



Achromatopsia

11.3621, 11.9538, 13.0177



Achromatomaly

14.7826, 11.2497, 25.0592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7281, 13.4571, 60.9160 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(154, 47, 208)` looks like.

```
.text, #text, p{  
    color:rgb(154, 47, 208)  
}
```

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(154, 47, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 47, 208) }
```

Border

The CSS property to change the border of an element to XYZ 25.7281, 13.4571, 60.9160 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(154, 47, 208) }
```


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

```
.border{ border-color:rgb(154, 47, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 47, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 47, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 47, 208);  
box-shadow:4px 4px 4px 4px rgb(154, 47,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7281, 13.4571, 60.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 47, 208) }
```

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

```
.background{ background-color: rgb(154, 47,  
208) }
```

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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