

Converting Colors

XYZ(25.4660, 11.4864, 75.3702)

Have a look what the booklet for
XYZ(25.4660, 11.4864, 75.3702)
contains.

XYZ(25.6106, 11.5528, 75.7430)	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(25.6106, 11.5528,
75.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	8F00E6
RGB	143, 0, 230
RGB Percent	56%, 0%, 90%
CMY	0.4392, 1.0000, 0.0980
CMYK	0.38, 1.00, 0.00, 0.10
HSL	277°, 100%, 45%
HSV	277°, 100%, 90%
XYZ	25.6106, 11.5528, 75.7430
YIQ	68.9770, 11.3980, 101.8460

Conversions

Conversions Part 2

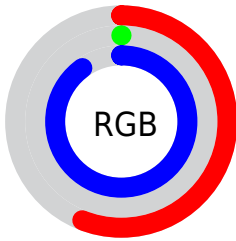
Format	Color
R_{YB}	143, 0, 230
Decimal	9371878
CIE _{Lab}	40.50, 79.43, -79.80
CIE _{LCh}	40, 112.594, 314.865
Yxy	11.5528, 0.2268, 0.1023
Android (android.graphics.Color)	4287561958 (0xFF8F00E6)
YUV	68.9770, 79.3843, 64.9182
Hunter-Lab	33.9894, 75.0161, -108.3310

Details

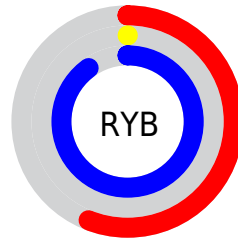
The XYZ color **25.6106, 11.5528, 75.7430** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **32.2271, 58.6199, 9.6162**, and the grayscale version is **5.5268, 5.8146, 6.3321**.

A 20% lighter version of the original color is **46.0451, 26.2439, 97.2465**, and **10.9362, 4.7665, 39.8788** is the 20% darker color. If you saturate the color by 10%, you get **25.6113, 11.5532, 75.7433**, and if you desaturate by 10%, it is **27.4828, 12.9728, 75.9187**.

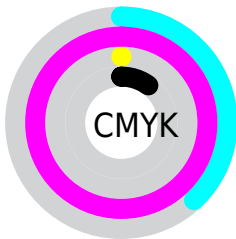
Distribution



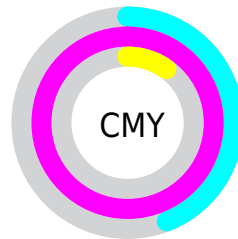
- Red (56%)
- Green (0%)
- Blue (90%)



- Red (56%)
- Yellow (0%)
- Blue (90%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6106, 11.5528, 75.7430 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 25.6106, 11.5528, 75.7430 by changing the saturation by 10% instead.

■ 25.6106, 11.5528,
75.7430

■ 25.6106, 11.5528,
75.7430

273.1572,
201.4218, 499.7909

■ 16.6637, 6.4400,
55.7164

■ 52.0819, 28.6780,
129.1203

■ 10.0888, 3.1144,
39.5731

■ 70.3370, 41.4591,
163.3081

■ 5.5206, 1.1917,
26.8946

■ 92.4255, 57.5650,
203.0534

■ 2.5937, 0.0549,
17.2624

■ 118.7128, 77.3803,
248.7747

■ 0.9427, 0.0000,
10.2578

■ 149.5643,
101.2892, 300.8905

■ 0.0000, 0.0000,
5.4624

■ 185.3453,

■ 0.0000, 0.0000,

129.6761, 359.8195

2.4576

226.4211,
162.9255, 425.9801

■ 0.0000, 0.0000,
0.8176

■ 0.0000, 0.0000,
0.0000

■ 25.6106, 11.5528,
75.7430

■ 25.6106, 11.5528,
75.7430

■ 25.6113, 11.5532,
75.7433

■ 27.4828, 12.9728,
75.9187

■ 29.8379, 15.1824,
76.2211

■ 32.7953, 18.4158,
76.6893

■ 36.4249, 22.8091,
77.3460

■ 40.7856, 28.4768,
78.2101

■ 45.9293, 35.5192,
79.2983

■ 51.9027, 44.0265,
80.6256

■ 58.7485, 54.0808,
82.2055

■ 66.5063, 65.7584,
84.0506

Harmonies

Analogous

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



15.3697, 11.5528, 119.3840



25.6106, 11.5528, 75.7430



33.2217, 11.5528, 27.7514

Triad

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



25.6106, 11.5528, 75.7430



15.4568, 11.5528, 0.0000



1.8581, 11.5528, 27.4156

Complementary

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



25.6106, 11.5528, 75.7430



32.2271, 58.6199, 9.6162

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.



1.8638, 11.5528, 4.2813



25.6106, 11.5528, 75.7430



7.5184, 11.5528, 0.0000

Square

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



25.6106, 11.5528, 75.7430



25.7001, 11.5528, 0.0000



3.3596, 11.5528, 0.0000



3.3365, 11.5528, 75.2620

Rectangle

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



25.6106, 11.5528, 75.7430



34.2220, 11.5528, 9.2306



3.3596, 11.5528, 0.0000



1.7224, 11.5528, 16.6527

Sweetspot

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



25.6113, 11.5532, 75.7433



65.4542, 55.4393, 101.8588



17.7864, 12.7201, 76.3810



13.2983, 10.8437, 21.6421



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.



25.6113, 11.5532, 75.7433



32.2585, 14.5447, 95.7149



43.4327, 21.1428, 58.3961



14.4393, 14.3287, 18.1490



14.6396, 6.6129, 42.8880



1.1842, 0.5415, 3.1741

Inverse Universe

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



34.3534, 17.5111, 10.5855



43.3722, 22.1129, 13.1582



28.4928, 56.6722, 10.4639



14.6014, 14.4577, 16.1013



19.5037, 9.9357, 6.2817



1.4853, 0.7518, 0.6960

Previews

White Background



This preview shows how the XYZ color 25.6106, 11.5528, 75.7430 looks on a white background.

Color Contrast Check

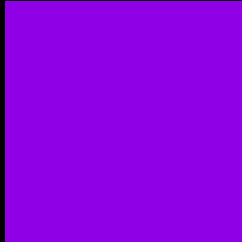
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6106, 11.5528, 75.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

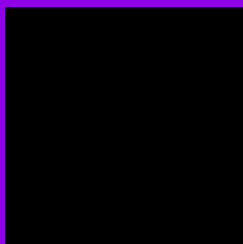
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.6106, 11.5528, 75.7430

Background



This preview shows how black text looks on a background with the XYZ color 25.6106, 11.5528, 75.7430.



This preview shows how white text looks on a background with the XYZ color 25.6106, 11.5528,

75.7430.

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

25.6106, 11.5528, 75.7430

Protanopia

14.0807, 12.0366, 54.4045

Deuteranopia

11.8129, 12.0166, 39.7270



Tritanopia

13.0163, 11.8884, 12.9179

Trichromacy



Original Color

25.6106, 11.5528, 75.7430



Protanomaly

14.5407, 8.5652, 61.2085



Deuteranomaly

12.7640, 8.2026, 50.7797



Tritanomaly

15.1781, 9.4062, 27.8037

Monochromacy



Original Color

25.6106, 11.5528, 75.7430



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

9.6208, 5.8467, 21.0435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6106, 11.5528, 75.7430 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(143, 0, 230)` looks like.

```
.text, #text, p{  
  color:rgb(143, 0, 230)  
}
```

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(143, 0, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 230) }
```

Border

The CSS property to change the border of an element to XYZ 25.6106, 11.5528, 75.7430 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(143, 0, 230) }
```


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

```
.border{ border-color:rgb(143, 0, 230) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 230);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6106, 11.5528, 75.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 230) }
```

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

```
.background{ background-color: rgb(143, 0,  
230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor