

Converting Colors

XYZ(25.6494, 12.2886, 43.4032)

Have a look what the booklet for
XYZ(25.6494, 12.2886, 43.4032)
contains.

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Color

**XYZ(25.5922, 12.2533,
43.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	AE00B3
RGB	174, 0, 179
RGB Percent	68%, 0%, 70%
CMY	0.3176, 0.9999, 0.2980
CMYK	0.03, 1.00, 0.00, 0.30
HSL	298°, 100%, 35%
HSV	298°, 100%, 70%
XYZ	25.5922, 12.2533, 43.6641
YIQ	72.4320, 46.2450, 92.5570

Conversions

Conversions Part 2

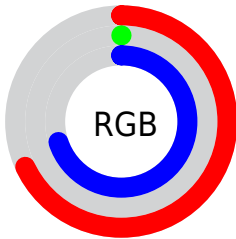
Format	Color
RYB	174, 0, 179
Decimal	11403443
CIELab	41.62, 74.52, -48.15
CIElCh	42, 88.725, 327.135
Yxy	12.2533, 0.3140, 0.1503
Android (android.graphics.Color)	4289593523 (0xFFAE00B3)
YUV	72.4320, 52.5380, 89.0751
Hunter-Lab	35.0047, 69.2444, -49.4537

Details

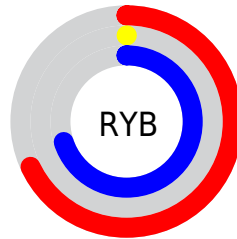
The XYZ color **25.5922, 12.2533, 43.6641** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **16.1831, 32.2727, 5.3768**, and the grayscale version is **6.1425, 6.4623, 7.0375**.

A 20% lighter version of the original color is **51.8482, 29.8188, 81.6202**, and **11.0378, 5.2626, 19.8361** is the 20% darker color. If you saturate the color by 10%, you get **25.5924, 12.2534, 43.6643**, and if you desaturate by 10%, it is **25.9191, 12.7410, 43.7412**.

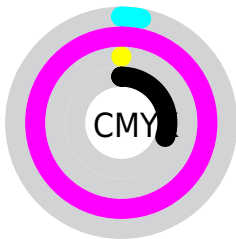
Distribution



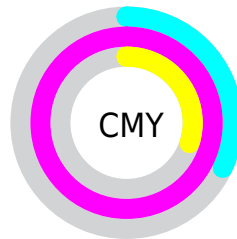
- Red (68%)
- Green (0%)
- Blue (70%)



- Red (68%)
- Yellow (0%)
- Blue (70%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (30%)





- Cyan (32%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5922, 12.2533, 43.6641 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 25.5922, 12.2533, 43.6641 by changing the saturation by 10% instead.

 25.5922, 12.2533,
43.6641


 25.5922, 12.2533,
43.6641


273.0680,
206.0751, 377.3370


 16.6499, 6.9164,
30.0713


 52.0523, 29.9556,
82.0091


 10.0789, 3.4099,
19.6402


 70.3009, 43.0898,
107.5984


 5.5140, 1.3493,
11.9523


 92.3822, 59.5920,
138.0236

 2.5897, 0.1789,
6.5890

 118.6616, 79.8464,
173.7032

 0.9407, 0.0000,
3.1319

 149.5046,
104.2375, 215.0558

 0.0000, 0.0000,
1.1624

 185.2764,

 0.0000, 0.0000,

133.1498, 262.5000

0.0000

226.3424,
166.9675, 316.4542

■ 25.5922, 12.2533,
43.6641

■ 25.5922, 12.2533,
43.6641

■ 25.5924, 12.2534,
43.6643

■ 25.9191, 12.7410,
43.7412

■ 26.4415, 13.6195,
43.8832

■ 27.2346, 15.0388,
44.1154

■ 28.3341, 17.0703,
44.4495

■ 29.7703, 19.7744,
44.8958

■ 31.5697, 23.2045,
45.4630

■ 33.7563, 27.4084,
46.1592

■ 36.3521, 32.4300,
46.9917

■ 39.3773, 38.3098,
47.9671

Harmonies

Analogous

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



18.3175, 12.2533, 77.1452



25.5922, 12.2533, 43.6641



29.0910, 12.2533, 15.2099

Triad

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



25.5922, 12.2533, 43.6641



12.2816, 12.2533, 0.0000



3.6953, 12.2533, 37.1900

Complementary

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



25.5922, 12.2533, 43.6641



16.1831, 32.2727, 5.3768

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.



3.0988, 12.2533, 11.6332



25.5922, 12.2533, 43.6641



6.8306, 12.2533, 0.0000

Square

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



25.5922, 12.2533, 43.6641



19.8185, 12.2533, 0.0000



3.9932, 12.2533, 1.8256



6.1009, 12.2533, 71.5298

Rectangle

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



25.5922, 12.2533, 43.6641



28.1110, 12.2533, 5.3378



3.9932, 12.2533, 1.8256



3.3269, 12.2533, 26.8887

Sweetspot

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



25.5927, 12.2539, 43.6643



60.2367, 48.6637, 82.5994



8.2019, 3.3847, 42.8690



12.9680, 10.0546, 18.1795



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5927, 12.2539, 43.6643



45.8015, 21.9281, 78.1997



20.6779, 10.4190, 11.8612



8.8261, 8.6344, 10.7077



18.0944, 8.6638, 30.8556



0.5766, 0.2764, 0.9712

Inverse Universe

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



18.6182, 9.5951, 1.0148



33.3305, 17.1784, 1.7452



17.7028, 32.8734, 13.7060



8.5057, 8.5090, 8.8952



13.1603, 6.7817, 0.7381



0.4172, 0.2146, 0.0399

Previews

White Background



This preview shows how the XYZ color 25.5922, 12.2533, 43.6641 looks on a white background.

Color Contrast Check

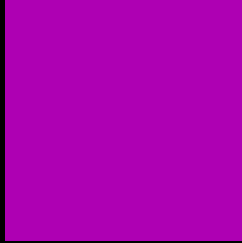
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5922, 12.2533, 43.6641 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 25.5922, 12.2533, 43.6641

Background



This preview shows how black text looks on a background with the XYZ color 25.5922, 12.2533, 43.6641.



This preview shows how white text looks on a background with the XYZ color 25.5922, 12.2533,

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

25.5922, 12.2533, 43.6641

Protanopia

15.2941, 12.9572, 59.4525

Deuteranopia

13.2429, 12.9188, 38.8414



Tritanopia

18.3605, 12.5697, 8.1151

Trichromacy



Original Color

25.5922, 12.2533, 43.6641



Protanomaly

13.7363, 8.4875, 53.1388



Deuteranomaly

14.3168, 9.2420, 40.0590



Tritanomaly

19.6449, 11.1760, 16.7446

Monochromacy



Original Color

25.5922, 12.2533, 43.6641



Achromatopsia

6.1596, 6.4803, 7.0571



Achromatomaly

10.1529, 6.3529, 15.7300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5922, 12.2533, 43.6641 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(174, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 179)  
}
```

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(174, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.5922, 12.2533, 43.6641 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(174, 0, 179) }
```


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

```
.border{ border-color:rgb(174, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(174, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(174, 0,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5922, 12.2533, 43.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 179) }
```

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

```
.background{ background-color: rgb(174, 0,  
179) }
```

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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