

Converting Colors

XYZ(22.9052, 8.9736, 15.2145)

Have a look what the booklet for
XYZ(22.9052, 8.9736, 15.2145)
contains.

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Color

**XYZ(24.5527, 12.3323,
15.8381)**

Conversions

Conversions Part 1

Format	Color
Hex	C0006E
RGB	192, 0, 110
RGB Percent	75%, 0%, 43%
CMY	0.2471, 0.9999, 0.5686
CMYK	0.00, 1.00, 0.43, 0.25
HSL	326°, 100%, 38%
HSV	326°, 100%, 75%
XYZ	24.5527, 12.3323, 15.8381
YIQ	69.9480, 79.1220, 74.9140

Conversions

Conversions Part 2

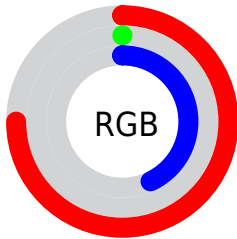
Format	Color
R_{YB}	192, 0, 110
Decimal	12583022
CIE Lab	41.74, 69.56, -5.63
CIE LCh	42, 69.788, 355.371
Yxy	12.3323, 0.4657, 0.2339
Android (android.graphics.Color)	4290773102 (0xFFC0006E)
YUV	69.9480, 19.7456, 107.0396
Hunter-Lab	35.1174, 63.3448, -2.1579

Details

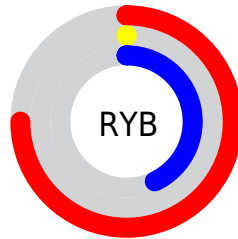
The XYZ color **24.5527, 12.3323, 15.8381** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **20.3744, 38.3092, 14.3104**, and the grayscale version is **5.7752, 6.0760, 6.6167**.

A 20% lighter version of the original color is **50.1895, 29.9529, 36.8544**, and **10.4129, 5.2644, 5.1699** is the 20% darker color. If you saturate the color by 10%, you get **24.5518, 12.3319, 15.8337**, and if you desaturate by 10%, it is **25.2571, 12.9930, 18.3791**.

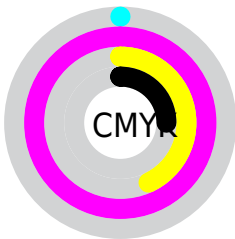
Distribution



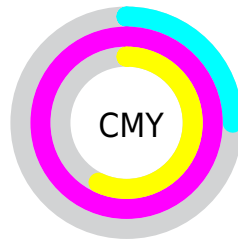
- Red (75%)
- Green (0%)
- Blue (43%)



- Red (75%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5527, 12.3323, 15.8381 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 24.5527, 12.3323, 15.8381 by changing the saturation by 10% instead.


 24.5527, 12.3323,
15.8381


 24.5527, 12.3323,
15.8381


267.9919,
206.5930, 240.1975


 15.8711, 6.9704,
9.2565


 50.3788, 30.0989,
37.0798


 9.5232, 3.4436,
4.8098


 68.2539, 43.2724,
52.5770


 5.1438, 1.3675,
2.0793

 89.9243, 59.8185,
71.8832

 2.3675, 0.1926,
0.6034

 115.7552, 80.1217,
95.4169

 0.8289, 0.0000,
0.0000

 146.1121,
104.5664, 123.5966

 0.0000, 0.0000,
0.0000

 181.3603,

133.5369, 156.8409

221.8651,
167.4176, 195.5684

■ 24.5527, 12.3323,
15.8381

■ 24.5527, 12.3323,
15.8381

■ 24.5518, 12.3319,
15.8337

■ 25.2571, 12.9930,
18.3791

■ 26.2373, 14.1375,
21.2213

■ 27.5783, 15.9341,
24.3980

■ 29.3239, 18.4686,
27.9289

■ 31.5109, 21.8134,
31.8310

■ 34.1720, 26.0323,
36.1198

■ 37.3368, 31.1827,
40.8096

■ 41.0319, 37.3169,
45.9137

■ 45.2825, 44.4836,
51.4447

Harmonies

Analogous

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



21.8513, 12.3323, 36.7168



24.5527, 12.3323, 15.8381



23.0789, 12.3323, 4.5983

Triad

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



24.5527, 12.3323, 15.8381



7.9838, 12.3323, 0.6228



6.9636, 12.3323, 52.6462

Complementary

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



24.5527, 12.3323, 15.8381



20.3744, 38.3092, 14.3104

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.



4.8787, 12.3323, 29.5264



24.5527, 12.3323, 15.8381



5.3359, 12.3323, 2.9242

Square

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



24.5527, 12.3323, 15.8381



12.5354, 12.3323, 0.1681



4.3842, 12.3323, 11.2753



10.9436, 12.3323, 65.8241

Rectangle

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



24.5527, 12.3323, 15.8381



20.1028, 12.3323, 1.6896



4.3842, 12.3323, 11.2753



6.0694, 12.3323, 45.2192

Sweetspot

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



24.5530, 12.3330, 15.8383



67.3435, 55.9937, 73.5028



12.8248, 5.5129, 50.2572



13.9042, 11.1240, 14.9779



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.5530, 12.3330, 15.8383



44.3580, 22.2933, 28.0121



21.8323, 11.2447, 1.5113



10.3095, 10.1724, 11.7206



16.5604, 8.3139, 10.8632



0.7495, 0.3728, 0.6481

Inverse Universe

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



24.5530, 12.3330, 15.8383



44.3580, 22.2933, 28.0121



26.6868, 40.8341, 47.5510



10.3095, 10.1724, 11.7206



16.5604, 8.3139, 10.8632



0.7495, 0.3728, 0.6481

Previews

White Background



This preview shows how the XYZ color 24.5527, 12.3323, 15.8381 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 24.5527, 12.3323, 15.8381 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 24.5527, 12.3323, 15.8381

Background



This preview shows how black text looks on a background with the XYZ color 24.5527, 12.3323, 15.8381.



This preview shows how white text looks on a background with the XYZ color 24.5527, 12.3323, 15.8381.

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

24.5527, 12.3323, 15.8381

Protanopia

13.8578, 13.0546, 34.1371

Deuteranopia

13.1964, 13.0097, 14.3860



Tritanopia

22.1134, 12.6822, 3.7650

Trichromacy



Original Color

24.5527, 12.3323, 15.8381



Protanomaly

14.3310, 9.4712, 26.2721



Deuteranomaly

15.0876, 10.0406, 14.5074



Tritanomaly

22.4757, 12.0790, 6.7771

Monochromacy



Original Color

24.5527, 12.3323, 15.8381



Achromatopsia

5.8214, 6.1246, 6.6697



Achromatomaly

9.5175, 6.1101, 9.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5527, 12.3323, 15.8381 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(192, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 110)  
}
```

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(192, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.5527, 12.3323, 15.8381 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(192, 0, 110) }
```


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

```
.border{ border-color:rgb(192, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5527, 12.3323, 15.8381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 110) }
```

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

```
.background{ background-color: rgb(192, 0,  
110) }
```

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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