

Converting Colors

XYZ(25.9109, 15.6528, 13.0146)

Have a look what the booklet for
XYZ(25.9109, 15.6528, 13.0146)
contains.

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Color

**XYZ(25.8726, 15.6458,
12.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	C13E61
RGB	193, 62, 97
RGB Percent	76%, 24%, 38%
CMY	0.2431, 0.7568, 0.6196
CMYK	0.00, 0.68, 0.50, 0.24
HSL	344°, 51%, 50%
HSV	344°, 68%, 76%
XYZ	25.8726, 15.6458, 12.9656
YIQ	105.1590, 66.8410, 38.6570

Conversions

Conversions Part 2

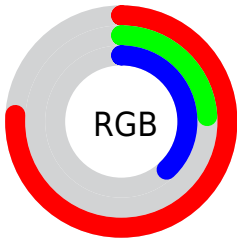
Format	Color
R_{YB}	193, 62, 97
Decimal	12664417
CIE Lab	46.51, 54.62, 9.37
CIE LCh	47, 55.419, 9.739
Yxy	15.6458, 0.4749, 0.2872
Android (android.graphics.Color)	4290854497 (0xFFC13E61)
YUV	105.1590, -4.0224, 77.0366
Hunter-Lab	39.5548, 47.5352, 8.2538

Details

The XYZ color **25.8726, 15.6458, 12.9656** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **27.2292, 41.6330, 38.9521**, and the grayscale version is **13.4691, 14.1705, 15.4317**.

A 20% lighter version of the original color is **52.5008, 35.9000, 31.7661**, and **10.4291, 5.3073, 3.6067** is the 20% darker color. If you saturate the color by 10%, you get **24.4013, 13.6664, 9.5063**, and if you desaturate by 10%, it is **27.8349, 18.4191, 17.1690**.

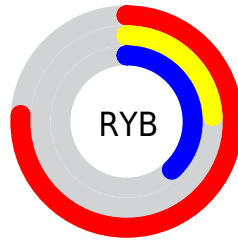
Distribution



Red (76%)

Green (24%)

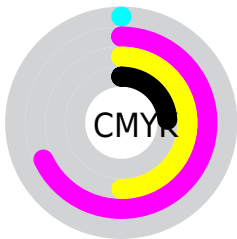
Blue (38%)



Red (76%)

Yellow (24%)

Blue (38%)

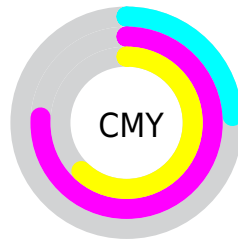


Cyan (0%)

Magenta (68%)

Yellow (50%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8726, 15.6458, 12.9656 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 25.8726, 15.6458, 12.9656 by changing the saturation by 10% instead.

 25.8726, 15.6458,
12.9656


 25.8726, 15.6458,
12.9656


274.4243,
227.2425, 221.8972


 16.8605, 9.2739,
7.2744

 52.5021, 35.9822,
31.9322


 10.2298, 4.9202,
3.5533


 70.8503, 50.7154,
46.0448


 5.6150, 2.2005,
1.3836

 93.0412, 69.0046,
63.8015

 2.6508, 0.7203,
0.1289

 119.4402, 91.2340,
85.6210

 0.9719, 0.0000,
0.0000

 150.4126,
117.7881, 111.9218

 0.0000, 0.0000,
0.0000

186.3239,

149.0513, 143.1224

227.5393,
185.4080, 179.6413

■ 25.8726, 15.6458,
12.9656

■ 25.8726, 15.6458,
12.9656

■ 24.4013, 13.6664,
9.5063

■ 27.8349, 18.4191,
17.1690

■ 23.3720, 12.3927,
6.7436

■ 30.3282, 22.0570,
22.1580

■ 22.7161, 11.6983,
4.6211

■ 33.3896, 26.6251,
27.9719

■ 22.6021, 11.5814,
4.2408

■ 37.0527, 32.1821,
34.6467

■ 41.3480, 38.7818,
42.2166

■ 46.3042, 46.4739,
50.7135

■ 51.9481, 55.3052,
60.1680

■ 58.3050, 65.3195,
70.6090

■ 65.3989, 76.5585,
82.0645

Harmonies

Analogous

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



25.2476, 15.6458, 27.8537



25.8726, 15.6458, 12.9656



23.1023, 15.6458, 5.1526

Triad

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



25.8726, 15.6458, 12.9656



9.7420, 15.6458, 3.7644



11.9140, 15.6458, 55.4966

Complementary

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



25.8726, 15.6458, 12.9656



27.2292, 41.6330, 38.9521

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.



8.8717, 15.6458, 39.9650



25.8726, 15.6458, 12.9656



7.8165, 15.6458, 9.4590

Square

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



25.8726, 15.6458, 12.9656



13.3720, 15.6458, 2.0435



7.5362, 15.6458, 21.8790



16.4777, 15.6458, 58.2834

Rectangle

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



25.8726, 15.6458, 12.9656



19.9913, 15.6458, 2.9255



7.5362, 15.6458, 21.8790



10.7092, 15.6458, 51.3104

Sweetspot

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



25.8730, 15.6467, 12.9659



72.0690, 66.3949, 72.1485



25.0368, 14.3529, 51.9026



14.9858, 13.5125, 14.6431



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.



25.8730, 15.6467, 12.9659



42.8006, 23.3277, 14.7015



26.5511, 19.0636, 6.8389



10.1812, 10.1211, 11.0449



15.0620, 7.7145, 2.9725



0.6805, 0.3452, 0.2851

Inverse Universe

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



25.8730, 15.6467, 12.9659



42.8006, 23.3277, 14.7015



24.9991, 31.6474, 55.2428



10.1812, 10.1211, 11.0449



15.0620, 7.7145, 2.9725



0.6805, 0.3452, 0.2851

Previews

White Background



This preview shows how the XYZ color 25.8726, 15.6458, 12.9656 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 25.8726, 15.6458, 12.9656 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 25.8726, 15.6458, 12.9656

Background



This preview shows how black text looks on a background with the XYZ color 25.8726, 15.6458, 12.9656.



This preview shows how white text looks on a background with the XYZ color 25.8726, 15.6458,

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

25.8726, 15.6458, 12.9656

Protanopia

15.4578, 15.8331, 20.9803

Deuteranopia

16.1993, 15.9378, 12.1200



Tritanopia

24.6303, 15.5456, 7.6637

Trichromacy



Original Color

25.8726, 15.6458, 12.9656

Protanomaly

17.7668, 14.6191, 17.8049

Deuteranomaly

18.6658, 14.9479, 12.2574

Tritanomaly

25.0765, 15.5662, 9.2723

Monochromacy



Original Color

25.8726, 15.6458, 12.9656

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.2872, 13.4224, 14.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8726, 15.6458, 12.9656 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(193, 62, 97)` looks like.

```
.text, #text, p{  
    color:rgb(193, 62, 97)  
}
```

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(193, 62, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 62, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.8726, 15.6458, 12.9656 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(193, 62, 97) }
```


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

```
.border{ border-color:rgb(193, 62, 97) }
```

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

Here you see how a box with a 4 pixel rgb(193, 62, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 62, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 62, 97);  
box-shadow:4px 4px 4px 4px rgb(193, 62,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8726, 15.6458, 12.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 62, 97) }
```

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

```
.background{ background-color: rgb(193, 62,  
97) }
```

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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