

Converting Colors

XYZ(25.9138, 15.5951, 13.1394)

Have a look what the booklet for
XYZ(25.9138, 15.5951, 13.1394)
contains.

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Color

**XYZ(25.8657, 15.5568,
13.1948)**

Conversions

Conversions Part 1

Format	Color
Hex	C13D62
RGB	193, 61, 98
RGB Percent	76%, 24%, 38%
CMY	0.2431, 0.7608, 0.6157
CMYK	0.00, 0.68, 0.49, 0.24
HSL	343°, 52%, 50%
HSV	343°, 68%, 76%
XYZ	25.8657, 15.5568, 13.1948
YIQ	104.6860, 66.7950, 39.4910

Conversions

Conversions Part 2

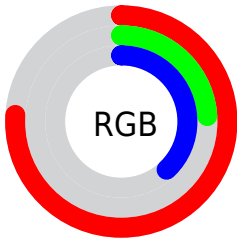
Format	Color
R_{YB}	193, 61, 98
Decimal	12664162
CIE Lab	46.39, 55.10, 8.59
CIE LCh	46, 55.769, 8.864
Yxy	15.5568, 0.4736, 0.2848
Android (android.graphics.Color)	4290854242 (0xFFC13D62)
YUV	104.6860, -3.2962, 77.4514
Hunter-Lab	39.4421, 48.0346, 7.7748

Details

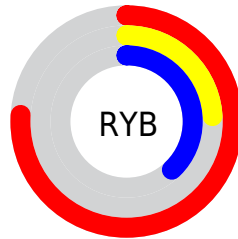
The XYZ color **25.8657, 15.5568, 13.1948** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **26.9963, 41.5328, 38.0496**, and the grayscale version is **13.3392, 14.0339, 15.2829**.

A 20% lighter version of the original color is **52.5796, 35.9315, 32.1812**, and **10.4513, 5.3163, 3.7241** is the 20% darker color. If you saturate the color by 10%, you get **24.4145, 13.6146, 9.7511**, and if you desaturate by 10%, it is **27.8022, 18.2875, 17.3621**.

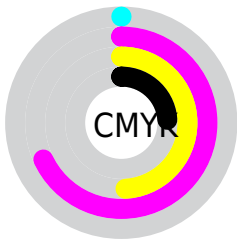
Distribution



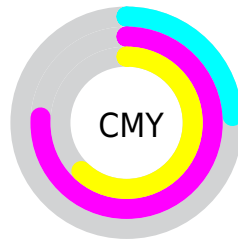
- Red (76%)
- Green (24%)
- Blue (38%)



- Red (76%)
- Yellow (24%)
- Blue (38%)



- Cyan (0%)
- Magenta (68%)
- Yellow (49%)
- Black (24%)




- Cyan (24%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8657, 15.5568, 13.1948 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 25.8657, 15.5568, 13.1948 by changing the saturation by 10% instead.


 25.8657, 15.5568,
13.1948


 25.8657, 15.5568,
13.1948


274.3910,
226.7121, 223.4139


 16.8553, 9.2111,
7.4305


 52.4911, 35.8271,
32.3496


 10.2261, 4.8791,
3.6503


 70.8368, 50.5204,
46.5772


 5.6125, 2.1765,
1.4355

 93.0250, 68.7650,
64.4630

 2.6493, 0.7071,
0.1692

 119.4211, 90.9454,
86.4256

 0.9712, 0.0000,
0.0000

 150.3903,
117.4459, 112.8834

 0.0000, 0.0000,
0.0000

186.2982,

148.6509, 144.2550

227.5099,
184.9449, 180.9590

■ 25.8657, 15.5568,
13.1948

■ 25.8657, 15.5568,
13.1948

■ 24.4145, 13.6146,
9.7511

■ 27.8022, 18.2875,
17.3621

■ 23.3995, 12.3720,
6.9854

■ 30.2638, 21.8776,
22.2929

■ 22.7479, 11.6937,
4.8417

■ 33.2878, 26.3931,
28.0248

■ 22.6603, 11.6046,
4.5468

■ 36.9072, 31.8928,
34.5926

■ 41.1526, 38.4306,
42.0291

■ 46.0526, 46.0564,
50.3651

■ 51.6338, 54.8170,
59.6298

■ 57.9213, 64.7563,
69.8511

■ 64.9390, 75.9159,
81.0560

Harmonies

Analogous

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



25.1337, 15.5568, 28.3258



25.8657, 15.5568, 13.1948



23.1684, 15.5568, 5.2019

Triad

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



25.8657, 15.5568, 13.1948



9.7324, 15.5568, 3.5914



11.7109, 15.5568, 55.3124

Complementary

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



25.8657, 15.5568, 13.1948



26.9963, 41.5328, 38.0496

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.



8.7176, 15.5568, 39.4318



25.8657, 15.5568, 13.1948



7.7584, 15.5568, 9.1038

Square

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



25.8657, 15.5568, 13.1948



13.4136, 15.5568, 1.9651



7.4320, 15.5568, 21.3312



16.2495, 15.5568, 58.5836

Rectangle

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



25.8657, 15.5568, 13.1948



20.0715, 15.5568, 2.9149



7.4320, 15.5568, 21.3312



10.5213, 15.5568, 50.9780

Sweetspot

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



25.8661, 15.5577, 13.1951



71.3504, 65.1895, 71.1949



24.9283, 14.2169, 51.8823



14.8488, 13.2792, 14.4727



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.



25.8661, 15.5577, 13.1951



42.7450, 23.1484, 14.8932



26.4579, 18.9206, 6.6736



10.1866, 10.1233, 11.0734



15.1016, 7.7304, 3.1812



0.6829, 0.3462, 0.2976

Inverse Universe

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



25.8661, 15.5577, 13.1951



42.7450, 23.1484, 14.8932



24.8981, 31.5375, 55.2271



10.1866, 10.1233, 11.0734



15.1016, 7.7304, 3.1812



0.6829, 0.3462, 0.2976

Previews

White Background



This preview shows how the XYZ color 25.8657, 15.5568, 13.1948 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 25.8657, 15.5568, 13.1948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

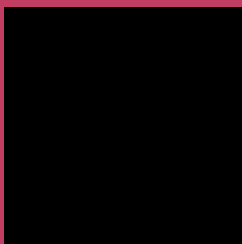
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.8657, 15.5568, 13.1948

Background



This preview shows how black text looks on a background with the XYZ color 25.8657, 15.5568, 13.1948.

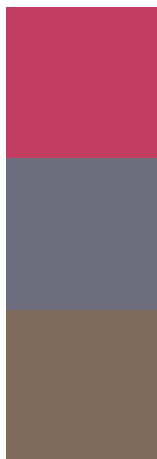


This preview shows how white text looks on a background with the XYZ color 25.8657, 15.5568,

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

25.8657, 15.5568, 13.1948

Protanopia

15.4619, 15.8207, 21.6408

Deuteranopia

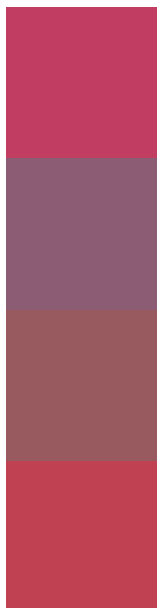
15.9879, 15.6700, 12.3072



Tritanopia

24.6303, 15.5456, 7.6637

Trichromacy



Original Color

25.8657, 15.5568, 13.1948

Protanomaly

17.5691, 14.3811, 18.0695

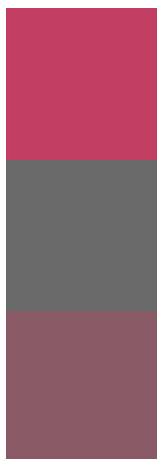
Deuteranomaly

18.6254, 14.7959, 12.4639

Tritanomaly

25.1137, 15.5811, 9.4684

Monochromacy



Original Color

25.8657, 15.5568, 13.1948

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 25.8657, 15.5568, 13.1948 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, 61, 98)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 98)  
}
```

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, 61, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 98) }
```

Border

The CSS property to change the border of an element to XYZ 25.8657, 15.5568, 13.1948 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, 61, 98) }
```


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

```
.border{ border-color:rgb(193, 61, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 61, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 98);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8657, 15.5568, 13.1948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 98) }
```

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

```
.background{ background-color: rgb(193, 61,  
98) }
```

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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