

Converting Colors

XYZ(25.2959, 18.2241, 13.2507)

Have a look what the booklet for
XYZ(25.2959, 18.2241, 13.2507)
contains.

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Color

**XYZ(25.2959, 18.2241,
13.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	B75A60
RGB	183, 90, 96
RGB Percent	72%, 35%, 38%
CMY	0.2824, 0.6470, 0.6235
CMYK	0.00, 0.51, 0.48, 0.28
HSL	356°, 39%, 54%
HSV	356°, 51%, 72%
XYZ	25.2959, 18.2241, 13.2507
YIQ	118.4910, 53.5020, 21.5820

Conversions

Conversions Part 2

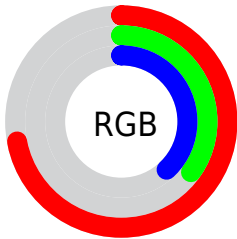
Format	Color
R_{YB}	183, 90, 96
Decimal	12016224
CIE _{Lab}	49.77, 38.14, 14.28
CIE _{LCh}	50, 40.726, 20.526
Yxy	18.2241, 0.4456, 0.3210
Android (android.graphics.Color)	4290206304 (0xFFB75A60)
YUV	118.4910, -11.0881, 56.5744
Hunter-Lab	42.6897, 31.0637, 11.4794

Details

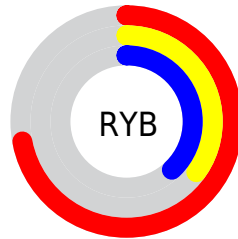
The XYZ color **25.2959, 18.2241, 13.2507** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.0867, 39.2153, 47.6336**, and the grayscale version is **17.3965, 18.3025, 19.9314**.

A 20% lighter version of the original color is **51.4793, 40.2986, 32.2593**, and **9.9054, 6.1169, 3.6762** is the 20% darker color. If you saturate the color by 10%, you get **23.2337, 15.2268, 9.0889**, and if you desaturate by 10%, it is **27.9107, 22.0519, 18.4439**.

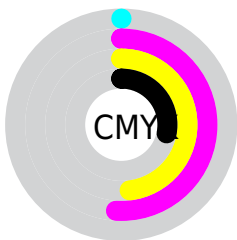
Distribution



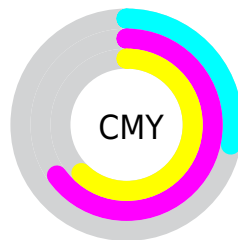
- Red (72%)
- Green (35%)
- Blue (38%)



- Red (72%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (28%)





- Cyan (28%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.2959, 18.2241, 13.2507 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 25.2959, 18.2241, 13.2507 by changing the saturation by 10% instead.


 25.2959, 18.2241,
13.2507


 25.2959, 18.2241,
13.2507


271.6289,
242.1312, 223.7821


 16.4276, 11.1110,
7.4687


 51.5763, 40.4188,
32.4512


 9.9200, 6.1415,
3.6740


 69.7191, 56.2692,
46.7068

 5.4078, 2.9313,
1.4483

 91.6840, 75.8009,
64.6239

 2.5256, 1.0960,
0.1789

 117.8365, 99.3981,
86.6211

 0.9082, 0.0000,
0.0000

148.5419,
127.4454, 113.1170

 0.0000, 0.0000,
0.0000

184.1655,

160.3270, 144.5302

225.0727,
198.4275, 181.2790

■ 25.2959, 18.2241,
13.2507

■ 25.2959, 18.2241,
13.2507

■ 23.2337, 15.2268,
9.0889

■ 27.9107, 22.0519,
18.4439

■ 21.6830, 12.9958,
5.8886

■ 31.1124, 26.7625,
24.7299

■ 20.5993, 11.4622,
3.5732

■ 34.9342, 32.4071,
32.1666

■ 19.9297, 10.5437,
2.0535

■ 39.4065, 39.0324,
40.8075

■ 19.5935, 10.0933,
1.2569

■ 44.5576, 46.6819,
50.7025

■ 50.4141, 55.3963,
61.8992

■ 57.0014, 65.2144,
74.4421

■ 64.3433, 76.1729,
88.3742

■ 72.4627, 88.3067,
103.7360

Harmonies

Analogous

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



25.7779, 18.2241, 23.5744



25.2959, 18.2241, 13.2507



22.5142, 18.2241, 7.4917

Triad

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



25.2959, 18.2241, 13.2507



12.1742, 18.2241, 9.1179



16.1214, 18.2241, 49.2854

Complementary

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



25.2959, 18.2241, 13.2507



29.0867, 39.2153, 47.6336

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.



12.9957, 18.2241, 41.3454



25.2959, 18.2241, 13.2507



10.9520, 18.2241, 16.5276

Square

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



25.2959, 18.2241, 13.2507



14.8335, 18.2241, 5.7996



11.2284, 18.2241, 28.3234



20.0732, 18.2241, 47.3565

Rectangle

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



25.2959, 18.2241, 13.2507



19.9314, 18.2241, 5.7407



11.2284, 18.2241, 28.3234



14.9499, 18.2241, 47.5966

Sweetspot

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



25.2964, 18.2250, 13.2510



66.8803, 64.4268, 65.9562



30.2898, 20.0558, 47.0743



14.4028, 13.6833, 13.8545



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.2964, 18.2250, 13.2510



41.2339, 26.7252, 15.5074



29.3971, 26.8515, 13.3076



9.0275, 9.0214, 9.4921



13.6783, 7.0451, 0.9269



0.4902, 0.2515, 0.0746

Inverse Universe

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



25.2964, 18.2250, 13.2510



41.2339, 26.7252, 15.5074



22.5420, 25.1485, 48.4657



9.0275, 9.0214, 9.4921



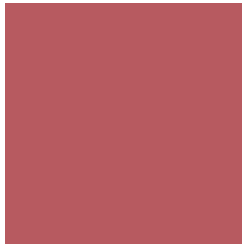
13.6783, 7.0451, 0.9269



0.4902, 0.2515, 0.0746

Previews

White Background



This preview shows how the XYZ color 25.2959, 18.2241, 13.2507 looks on a white background.

Color Contrast Check

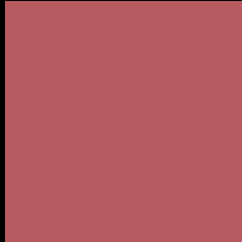
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2959, 18.2241, 13.2507 looks on a black 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

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

XYZ 25.2959, 18.2241, 13.2507

Background



This preview shows how black text looks on a background with the XYZ color 25.2959, 18.2241, 13.2507.



This preview shows how white text looks on a background with the XYZ color 25.2959, 18.2241,

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

25.2959, 18.2241, 13.2507

Protanopia

17.4613, 18.2936, 17.3626

Deuteranopia

18.5965, 18.2963, 12.6766



Tritanopia

25.2959, 18.2241, 13.2507

Trichromacy



Original Color

25.2959, 18.2241, 13.2507

Protanomaly

19.5894, 17.7648, 15.7611

Deuteranomaly

20.5449, 17.8620, 12.7208

Tritanomaly

25.2959, 18.2241, 13.2507

Monochromacy



Original Color

25.2959, 18.2241, 13.2507

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.3324, 17.6017, 17.1304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2959, 18.2241, 13.2507 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(183, 90, 96)` looks like.

```
.text, #text, p{  
    color:rgb(183, 90, 96)  
}
```

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(183, 90, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 90, 96) }
```

Border

The CSS property to change the border of an element to XYZ 25.2959, 18.2241, 13.2507 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(183, 90, 96) }
```


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

```
.border{ border-color:rgb(183, 90, 96) }
```

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

Here you see how a box with a 4 pixel rgb(183, 90, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 90, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 90, 96);  
box-shadow:4px 4px 4px 4px rgb(183, 90,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2959, 18.2241, 13.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 90, 96) }
```

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

```
.background{ background-color: rgb(183, 90,  
96) }
```

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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