

Converting Colors

XYZ(25.7620, 15.7827, 15.5050)

Have a look what the booklet for
XYZ(25.7620, 15.7827, 15.5050)
contains.

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Color

**XYZ(25.7793, 15.7893,
15.5988)**

Conversions

Conversions Part 1

Format	Color
Hex	BE416B
RGB	190, 65, 107
RGB Percent	75%, 25%, 42%
CMY	0.2549, 0.7451, 0.5804
CMYK	0.00, 0.66, 0.44, 0.25
HSL	340°, 49%, 50%
HSV	340°, 66%, 75%
XYZ	25.7793, 15.7893, 15.5988
YIQ	107.1630, 61.0180, 39.5620

Conversions

Conversions Part 2

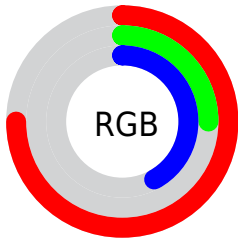
Format	Color
RYB	190, 65, 107
Decimal	12468587
CIELab	46.70, 53.41, 3.45
CIELCh	47, 53.520, 3.693
Yxy	15.7893, 0.4509, 0.2762
Android (android.graphics.Color)	4290658667 (0xFFBE416B)
YUV	107.1630, -0.0804, 72.6480
Hunter-Lab	39.7358, 46.2676, 4.5399

Details

The XYZ color **25.7793, 15.7893, 15.5988** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.9398, 40.0892, 34.3908**, and the grayscale version is **14.0095, 14.7391, 16.0509**.

A 20% lighter version of the original color is **52.3124, 36.2256, 36.5828**, and **10.3313, 5.2318, 4.7403** is the 20% darker color. If you saturate the color by 10%, you get **24.2501, 13.7168, 12.0496**, and if you desaturate by 10%, it is **27.7730, 18.6358, 19.7810**.

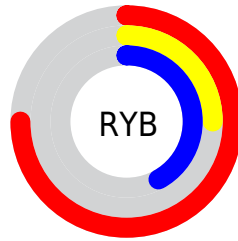
Distribution



Red (75%)

Green (25%)

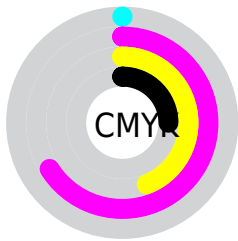
Blue (42%)



Red (75%)

Yellow (25%)

Blue (42%)

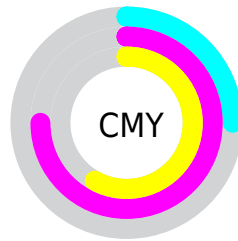


Cyan (0%)

Magenta (66%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7793, 15.7893, 15.5988 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 25.7793, 15.7893, 15.5988 by changing the saturation by 10% instead.


 25.7793, 15.7893,
15.5988

 25.7793, 15.7893,
15.5988


273.9736,
228.0952, 238.7269


 16.7904, 9.3752,
9.0894


 52.3525, 36.2320,
36.6573


 10.1796, 4.9867,
4.7020


 70.6676, 51.0294,
52.0436


 5.5813, 2.2395,
2.0178

 92.8221, 69.3901,
71.2259

 2.6304, 0.7414,
0.5662

 119.1814, 91.6983,
94.6227

 0.9615, 0.0000,
0.0000

 150.1108,
118.3385, 122.6527

 0.0000, 0.0000,
0.0000

185.9758,

149.6951, 155.7344

227.1416,
186.1526, 194.2863

■ 25.7793, 15.7893,
15.5988

■ 25.7793, 15.7893,
15.5988

■ 24.2501, 13.7168,
12.0496

■ 27.7730, 18.6358,
19.7810

■ 23.1414, 12.3370,
9.0978

■ 30.2670, 22.3215,
24.6270

■ 22.4009, 11.5525,
6.7039

■ 33.2949, 26.9078,
30.1665

■ 22.1558, 11.3154,
5.8419

■ 36.8869, 32.4495,
36.4270

■ 41.0709, 38.9969,
43.4343

■ 45.8729, 46.5969,
51.2129

■ 51.3172, 55.2933,
59.7860

■ 57.4270, 65.1276,
69.1761

■ 64.2241, 76.1390,
79.4045

Harmonies

Analogous

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



24.5031, 15.7893, 31.1732



25.7793, 15.7893, 15.5988



23.7152, 15.7893, 6.5606

Triad

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



25.7793, 15.7893, 15.5988



10.5845, 15.7893, 3.4962



11.3925, 15.7893, 51.7456

Complementary

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



25.7793, 15.7893, 15.5988



25.9398, 40.0892, 34.3908

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.



8.7440, 15.7893, 35.6047



25.7793, 15.7893, 15.5988



8.3494, 15.7893, 8.1767

Square

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



25.7793, 15.7893, 15.5988



14.4402, 15.7893, 2.2262



7.7522, 15.7893, 18.8899



15.5890, 15.7893, 57.3382

Rectangle

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



25.7793, 15.7893, 15.5988



20.9299, 15.7893, 3.7323



7.7522, 15.7893, 18.8899



10.3228, 15.7893, 47.0722

Sweetspot

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



25.7797, 15.7902, 15.5991



70.8496, 65.0518, 72.7757



23.0840, 13.6334, 50.1298



15.0906, 13.5545, 15.1954



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.



25.7797, 15.7902, 15.5991



42.9526, 23.5871, 19.3018



25.3410, 17.6318, 7.0699



9.6588, 9.5878, 10.5925



14.7655, 7.5374, 4.0587



0.6094, 0.3077, 0.3225

Inverse Universe

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



25.7797, 15.7902, 15.5991



42.9526, 23.5871, 19.3018



26.0851, 34.0625, 53.9149



9.6588, 9.5878, 10.5925



14.7655, 7.5374, 4.0587



0.6094, 0.3077, 0.3225

Previews

White Background



This preview shows how the XYZ color 25.7793, 15.7893, 15.5988 looks on a white background.

Color Contrast Check

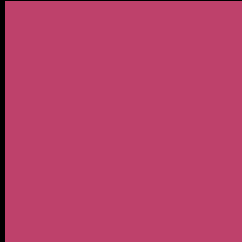
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7793, 15.7893, 15.5988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

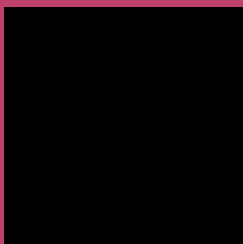
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7793, 15.7893, 15.5988

Background



This preview shows how black text looks on a background with the XYZ color 25.7793, 15.7893, 15.5988.



This preview shows how white text looks on a background with the XYZ color 25.7793, 15.7893,

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

25.7793, 15.7893, 15.5988

Protanopia

15.8229, 15.9373, 24.7965

Deuteranopia

16.2108, 15.8906, 14.5247



Tritanopia

24.3609, 15.8479, 8.6125

Trichromacy



Original Color

25.7793, 15.7893, 15.5988

Protanomaly

17.9573, 14.7790, 20.9750

Deuteranomaly

18.6698, 15.0231, 14.7477

Tritanomaly

24.8347, 15.7632, 10.7505

Monochromacy



Original Color

25.7793, 15.7893, 15.5988

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.7975, 14.0342, 15.7335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7793, 15.7893, 15.5988 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(190, 65, 107)` looks like.

```
.text, #text, p{  
    color:rgb(190, 65, 107)  
}
```

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(190, 65, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 65, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.7793, 15.7893, 15.5988 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(190, 65, 107) }
```


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

```
.border{ border-color:rgb(190, 65, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 65, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 65, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 65, 107);  
box-shadow:4px 4px 4px 4px rgb(190, 65,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7793, 15.7893, 15.5988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 65, 107) }
```

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

```
.background{ background-color: rgb(190, 65,  
107) }
```

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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