

Converting Colors

XYZ(24.9820, 15.7533, 10.5281)

Have a look what the booklet for
XYZ(24.9820, 15.7533, 10.5281)
contains.

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Color

**XYZ(24.9820, 15.7533,
10.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4456
RGB	190, 68, 86
RGB Percent	75%, 27%, 34%
CMY	0.2549, 0.7333, 0.6627
CMYK	0.00, 0.64, 0.55, 0.25
HSL	351°, 48%, 51%
HSV	351°, 64%, 75%
XYZ	24.9820, 15.7533, 10.5281
YIQ	106.5300, 66.9340, 31.4620

Conversions

Conversions Part 2

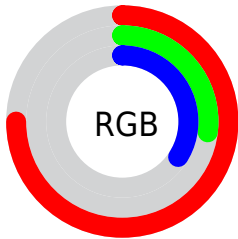
Format	Color
R_{YB}	190, 68, 86
Decimal	12469334
CIE _{Lab}	46.65, 50.24, 16.22
CIE _{LCh}	47, 52.796, 17.891
Yxy	15.7533, 0.4873, 0.3073
Android (android.graphics.Color)	4290659414 (0xFFBE4456)
YUV	106.5300, -10.1213, 73.2032
Hunter-Lab	39.6904, 42.8935, 12.0563

Details

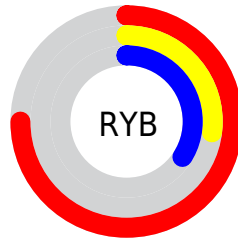
The XYZ color **24.9820, 15.7533, 10.5281** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.2448, 41.0347, 45.4650**, and the grayscale version is **13.8601, 14.5819, 15.8797**.

A 20% lighter version of the original color is **51.1871, 36.2059, 27.5831**, and **9.7603, 4.9854, 2.5457** is the 20% darker color. If you saturate the color by 10%, you get **23.4330, 13.5841, 7.1487**, and if you desaturate by 10%, it is **27.0520, 18.7280, 14.8110**.

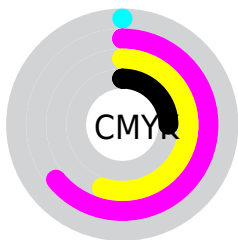
Distribution



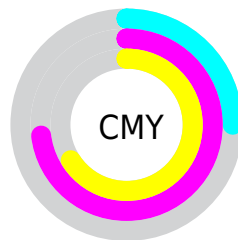
- Red (75%)
- Green (27%)
- Blue (34%)



- Red (75%)
- Yellow (27%)
- Blue (34%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (25%)





- Cyan (25%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9820, 15.7533, 10.5281 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 24.9820, 15.7533, 10.5281 by changing the saturation by 10% instead.


 24.9820, 15.7533,
10.5281


 24.9820, 15.7533,
10.5281


270.0976,
227.8816, 205.0206


 16.1923, 9.3498,
5.6403


 51.0711, 36.1694,
27.4074


 9.7520, 4.9700,
2.5624


 69.1013, 50.9507,
40.2359


 5.2959, 2.2297,
0.8730

 90.9423, 69.2934,
56.5485

 2.4584, 0.7361,
0.0000

 116.9595, 91.5819,
76.7637

 0.8743, 0.0000,
0.0000

 147.5183,
118.2006, 101.2999

 0.0000, 0.0000,
0.0000

182.9840,

149.5338, 130.5758

223.7220,
185.9660, 165.0098

■ 24.9820, 15.7533,
10.5281

■ 24.9820, 15.7533,
10.5281

■ 23.4330, 13.5841,
7.1487

■ 27.0520, 18.7280,
14.8110

■ 22.3561, 12.1387,
4.6063

■ 29.6835, 22.5742,
20.0559

■ 21.6952, 11.3227,
2.8261

■ 32.9142, 27.3541,
26.3170

■ 21.4449, 11.0310,
2.0990

■ 36.7784, 33.1235,
33.6443

■ 41.3076, 39.9338,
42.0846

■ 46.5312, 47.8328,
51.6817

■ 52.4769, 56.8653,
62.4771

■ 59.1708, 67.0737,
74.5104

■ 66.6379, 78.4981,
87.8191

Harmonies

Analogous

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



25.3059, 15.7533, 22.9883



24.9820, 15.7533, 10.5281



21.6677, 15.7533, 4.4417

Triad

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



24.9820, 15.7533, 10.5281



9.3571, 15.7533, 5.2111



13.2053, 15.7533, 55.3695

Complementary

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



24.9820, 15.7533, 10.5281



28.2448, 41.0347, 45.4650

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.



9.8225, 15.7533, 43.3957



24.9820, 15.7533, 10.5281



7.9231, 15.7533, 12.3990

Square

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



24.9820, 15.7533, 10.5281



12.4339, 15.7533, 2.6245



8.0740, 15.7533, 26.0976



17.8363, 15.7533, 53.9476

Rectangle

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



24.9820, 15.7533, 10.5281



18.5276, 15.7533, 2.8098



8.0740, 15.7533, 26.0976



11.9049, 15.7533, 52.5998

Sweetspot

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



24.9824, 15.7542, 10.5284



70.5149, 65.8293, 68.2041



28.3094, 16.5897, 50.4249



14.9744, 13.6894, 14.0242



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.



24.9824, 15.7542, 10.5284



41.5780, 23.4089, 10.9174



27.9310, 22.6691, 8.3736



9.5860, 9.5587, 10.2088



14.2781, 7.3424, 1.4921



0.5778, 0.2950, 0.1561

Inverse Universe

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



24.9824, 15.7542, 10.5284



41.5780, 23.4089, 10.9174



22.1595, 25.9085, 52.5478



9.5860, 9.5587, 10.2088



14.2781, 7.3424, 1.4921



0.5778, 0.2950, 0.1561

Previews

White Background



This preview shows how the XYZ color 24.9820, 15.7533, 10.5281 looks on a white background.

Color Contrast Check

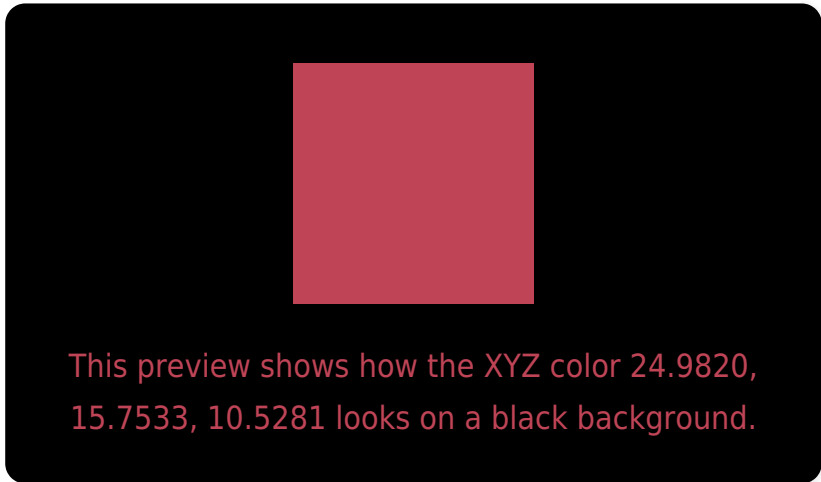
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 24.9820, 15.7533, 10.5281

Background



This preview shows how black text looks on a background with the XYZ color 24.9820, 15.7533, 10.5281.



This preview shows how white text looks on a background with the XYZ color 24.9820, 15.7533,

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

24.9820, 15.7533, 10.5281

Protanopia

15.2777, 16.0078, 16.1945

Deuteranopia

16.2214, 16.0001, 9.8228



Tritanopia

24.4125, 15.6935, 8.2210

Trichromacy



Original Color

24.9820, 15.7533, 10.5281

Protanomaly

17.4997, 14.8361, 13.7457

Deuteranomaly

18.5742, 15.2102, 9.9395

Tritanomaly

24.4895, 15.6251, 8.9329

Monochromacy



Original Color

24.9820, 15.7533, 10.5281

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.4830, 14.0479, 13.6472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9820, 15.7533, 10.5281 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, 68, 86)` looks like.

```
.text, #text, p{  
    color:rgb(190, 68, 86)  
}
```

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, 68, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 68, 86) }
```

Border

The CSS property to change the border of an element to XYZ 24.9820, 15.7533, 10.5281 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, 68, 86) }
```


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

```
.border{ border-color:rgb(190, 68, 86) }
```

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

Here you see how a box with a 4 pixel rgb(190, 68, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 68, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 68, 86);  
box-shadow:4px 4px 4px 4px rgb(190, 68,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9820, 15.7533, 10.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 68, 86) }
```

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

```
.background{ background-color: rgb(190, 68,  
86) }
```

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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