

Converting Colors

XYZ(25.1220, 16.1523, 12.6201)

Have a look what the booklet for
XYZ(25.1220, 16.1523, 12.6201)
contains.

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Color

**XYZ(25.1220, 16.1523,
12.6201)**

Conversions

Conversions Part 1

Format	Color
Hex	BC485F
RGB	188, 72, 95
RGB Percent	74%, 28%, 37%
CMY	0.2627, 0.7176, 0.6274
CMYK	0.00, 0.62, 0.49, 0.26
HSL	348°, 46%, 51%
HSV	348°, 62%, 74%
XYZ	25.1220, 16.1523, 12.6201
YIQ	109.3060, 61.7530, 31.7450

Conversions

Conversions Part 2

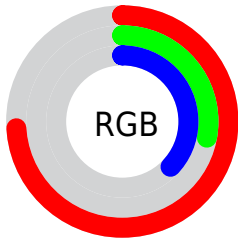
Format	Color
R_{YB}	188, 72, 95
Decimal	12339295
CIE _{Lab}	47.17, 48.58, 11.41
CIE _{LCh}	47, 49.900, 13.214
Yxy	16.1523, 0.4661, 0.2997
Android (android.graphics.Color)	4290529375 (0xFFBC485F)
YUV	109.3060, -7.0529, 69.0146
Hunter-Lab	40.1899, 41.2448, 9.5152

Details

The XYZ color **25.1220, 16.1523, 12.6201** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.4483, 40.0612, 41.8861**, and the grayscale version is **14.6305, 15.3924, 16.7624**.

A 20% lighter version of the original color is **51.2831, 36.9225, 31.2119**, and **9.8688, 5.1847, 3.3863** is the 20% darker color. If you saturate the color by 10%, you get **23.4669, 13.8346, 9.0088**, and if you desaturate by 10%, it is **27.2821, 19.2679, 17.0541**.

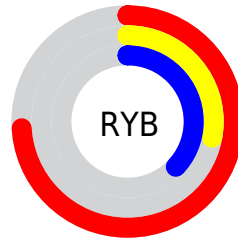
Distribution



Red (74%)

Green (28%)

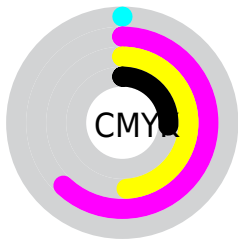
Blue (37%)



Red (74%)

Yellow (28%)

Blue (37%)

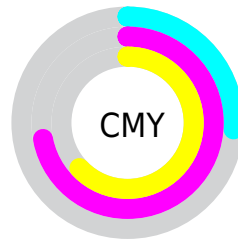


Cyan (0%)

Magenta (62%)

Yellow (49%)

Black (26%)



Cyan (26%)


Magenta (72%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1220, 16.1523, 12.6201 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 25.1220, 16.1523, 12.6201 by changing the saturation by 10% instead.


 25.1220, 16.1523,
12.6201


 25.1220, 16.1523,
12.6201


270.7814,
230.2387, 219.5900

 16.2972, 9.6320,
7.0398


 51.2965, 36.8624,
31.3007


 9.8269, 5.1556,
3.4082


 69.3770, 51.8210,
45.2381


 5.3457, 2.3389,
1.3067

 91.2733, 70.3611,
62.7983

 2.4883, 0.7942,
0.0672

 117.3510, 92.8672,
84.3998

 0.8894, 0.0000,
0.0000

 147.9753,
119.7236, 110.4612

 0.0000, 0.0000,
0.0000

183.5115,

151.3147, 141.4010

224.3251,
188.0250, 177.6378

■ 25.1220, 16.1523,
12.6201

■ 25.1220, 16.1523,
12.6201

■ 23.4669, 13.8346,
9.0088

■ 27.2821, 19.2679,
17.0541

■ 22.2727, 12.2388,
6.1673

■ 29.9837, 23.2429,
22.3573

■ 21.4896, 11.2788,
4.0373

■ 33.2612, 28.1359,
28.5738

■ 21.0772, 10.8266,
2.7513

■ 37.1460, 33.9995,
35.7444

■ 41.6669, 40.8824,
43.9072

■ 46.8510, 48.8298,
53.0984

■ 52.7239, 57.8845,
63.3523

■ 59.3096, 68.0866,
74.7016

■ 66.6312, 79.4746,
87.1775

Harmonies

Analogous

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



24.9334, 16.1523, 25.5322



25.1220, 16.1523, 12.6201



22.3616, 16.1523, 5.6851

Triad

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



25.1220, 16.1523, 12.6201



10.2679, 16.1523, 5.1979



13.0415, 16.1523, 52.3636

Complementary

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



25.1220, 16.1523, 12.6201



27.4483, 40.0612, 41.8861

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.



9.9861, 16.1523, 39.8733



25.1220, 16.1523, 12.6201



8.6066, 16.1523, 11.4892

Square

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



25.1220, 16.1523, 12.6201



13.5026, 16.1523, 2.9902



8.5143, 16.1523, 23.7114



17.3636, 16.1523, 53.1748

Rectangle

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



25.1220, 16.1523, 12.6201



19.4787, 16.1523, 3.6308



8.5143, 16.1523, 23.7114



11.8541, 16.1523, 49.1934

Sweetspot

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



25.1224, 16.1532, 12.6204



69.1712, 64.4264, 68.1477



26.8706, 16.2445, 49.2962



14.3996, 13.1332, 13.7892



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.1224, 16.1532, 12.6204



41.6790, 23.9153, 14.3643



27.1463, 21.6340, 8.8770



9.6054, 9.5665, 10.3112



14.3721, 7.3800, 1.9870



0.5863, 0.2984, 0.2009

Inverse Universe

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



25.1224, 16.1532, 12.6204



41.6790, 23.9153, 14.3643



23.1744, 27.8575, 51.7326



9.6054, 9.5665, 10.3112



14.3721, 7.3800, 1.9870



0.5863, 0.2984, 0.2009

Previews

White Background



This preview shows how the XYZ color 25.1220, 16.1523, 12.6201 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 25.1220, 16.1523, 12.6201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

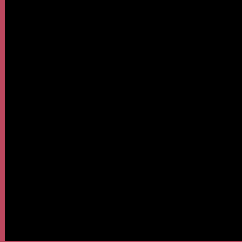
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.1220, 16.1523, 12.6201

Background



This preview shows how black text looks on a background with the XYZ color 25.1220, 16.1523, 12.6201.



This preview shows how white text looks on a background with the XYZ color 25.1220, 16.1523,

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

25.1220, 16.1523, 12.6201

Protanopia

15.8860, 16.4267, 18.8564

Deuteranopia

16.5681, 16.2886, 11.9436



Tritanopia

24.4576, 16.1761, 9.4227

Trichromacy



Original Color

25.1220, 16.1523, 12.6201

Protanomaly

17.9660, 15.2948, 16.1926

Deuteranomaly

18.9729, 15.6325, 12.1426

Tritanomaly

24.5820, 16.1182, 10.4098

Monochromacy



Original Color

25.1220, 16.1523, 12.6201

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.1628, 14.7685, 15.0427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1220, 16.1523, 12.6201 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(188, 72, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 72, 95)  
}
```

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(188, 72, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 72, 95) }
```

Border

The CSS property to change the border of an element to XYZ 25.1220, 16.1523, 12.6201 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(188, 72, 95) }
```


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

```
.border{ border-color:rgb(188, 72, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 72, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 72, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 72, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 72,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1220, 16.1523, 12.6201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 72, 95) }
```

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

```
.background{ background-color: rgb(188, 72,  
95) }
```

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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