

Converting Colors

XYZ(23.5805, 16.5123, 8.6531)

Have a look what the booklet for
XYZ(23.5805, 16.5123, 8.6531)
contains.

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Color

**XYZ(23.5787, 16.4877,
8.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	B6524B
RGB	182, 82, 75
RGB Percent	71%, 32%, 29%
CMY	0.2863, 0.6784, 0.7059
CMYK	0.00, 0.55, 0.59, 0.29
HSL	4°, 42%, 50%
HSV	4°, 59%, 71%
XYZ	23.5787, 16.4877, 8.5963
YIQ	111.1020, 61.8470, 19.0230

Conversions

Conversions Part 2

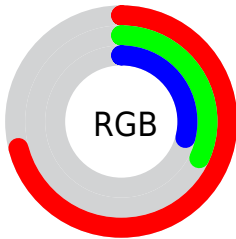
Format	Color
R_{YB}	182, 82, 75
Decimal	11948619
CIE _{Lab}	47.61, 40.00, 23.87
CIE _{LCh}	48, 46.579, 30.829
Yxy	16.4877, 0.4845, 0.3388
Android (android.graphics.Color)	4290138699 (0xFFB6524B)
YUV	111.1020, -17.7983, 62.1775
Hunter-Lab	40.6050, 32.5932, 15.8715

Details

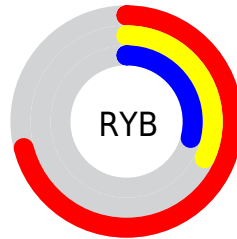
The XYZ color **23.5787, 16.4877, 8.5963** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.6739, 35.5308, 49.7080**, and the grayscale version is **15.1771, 15.9675, 17.3886**.

A 20% lighter version of the original color is **48.7811, 37.3827, 23.7133**, and **9.0238, 5.3126, 1.8461** is the 20% darker color. If you saturate the color by 10%, you get **21.9150, 14.0188, 5.3957**, and if you desaturate by 10%, it is **25.7392, 19.6654, 12.8418**.

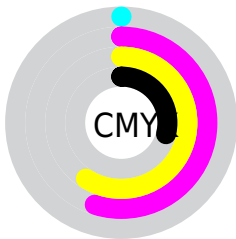
Distribution



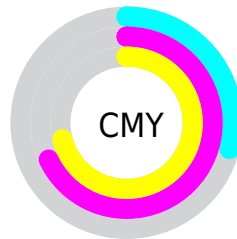
- Red (71%)
- Green (32%)
- Blue (29%)



- Red (71%)
- Yellow (32%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5787, 16.4877, 8.5963 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 23.5787, 16.4877, 8.5963 by changing the saturation by 10% instead.

 23.5787, 16.4877,
8.5963


 23.5787, 16.4877,
8.5963


263.1637,
232.2026, 190.4429

 15.1444, 9.8699,
4.3856


 48.8015, 37.4428,
23.6846

 9.0078, 5.3128,
1.8392


 66.3208, 52.5490,
35.3993

 4.8034, 2.4319,
0.4536

 87.5991, 71.2533,
50.4523

 2.1660, 0.8422,
0.0000

 113.0018, 93.9403,
69.2624

 0.7247, 0.0000,
0.0000

 142.8943,
120.9944, 92.2479

 0.0000, 0.0000,
0.0000

177.6418,

152.7998, 119.8275

217.6099,
189.7411, 152.4197

■ 23.5787, 16.4877,
8.5963

■ 23.5787, 16.4877,
8.5963

■ 21.9150, 14.0188,
5.3957

■ 25.7392, 19.6654,
12.8418

■ 20.7075, 12.2019,
3.1488

■ 28.4307, 23.5977,
18.2112

■ 19.9107, 10.9760,
1.7499

■ 31.6856, 28.3297,
24.7769

■ 19.4600, 10.2632,
1.0185

■ 35.5335, 33.9022,
32.6052

■ 19.4218, 10.2060,
0.9463

■ 40.0018, 40.3532,
41.7572

■ 45.1162, 47.7185,
52.2903

■ 50.9012, 56.0317,
64.2584

■ 57.3796, 65.3248,
77.7125

■ 64.5734, 75.6284,
92.7011

Harmonies

Analogous

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



25.0906, 16.4877, 17.6235



23.5787, 16.4877, 8.5963



19.8954, 16.4877, 4.4708

Triad

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



23.5787, 16.4877, 8.5963



9.6805, 16.4877, 8.9518



15.7869, 16.4877, 51.9120

Complementary

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



23.5787, 16.4877, 8.5963



26.6739, 35.5308, 49.7080

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.



12.0915, 16.4877, 46.2478



23.5787, 16.4877, 8.5963



8.9647, 16.4877, 18.2851

Square

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



23.5787, 16.4877, 8.5963



11.9240, 16.4877, 4.6030



9.7645, 16.4877, 32.4112



20.1309, 16.4877, 45.6289

Rectangle

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



23.5787, 16.4877, 8.5963



16.9789, 16.4877, 3.5156



9.7645, 16.4877, 32.4112



14.4322, 16.4877, 51.3256

Sweetspot

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



23.5791, 16.4886, 8.5966



64.7897, 61.9960, 59.8636



29.7083, 18.1376, 43.3472



13.8333, 13.0034, 12.2493



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.



23.5791, 16.4886, 8.5966



38.8962, 24.1650, 8.2077



29.0657, 27.4618, 10.4255



9.0506, 9.1041, 9.3872



13.7339, 7.2442, 0.6744



0.5002, 0.2875, 0.0291

Inverse Universe

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



26.6739, 35.5308, 49.7080



44.9767, 61.8412, 89.8017



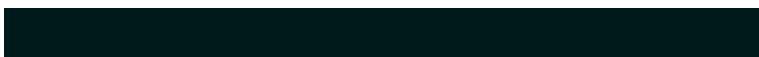
18.4468, 19.0765, 46.9656



9.2150, 10.1072, 11.5446



16.1440, 22.7477, 34.7929



0.5843, 0.8324, 1.2316

Previews

White Background



This preview shows how the XYZ color 23.5787, 16.4877, 8.5963 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

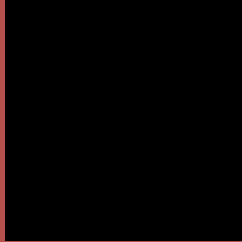
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.5787, 16.4877, 8.5963

Background



This preview shows how black text looks on a background with the XYZ color 23.5787, 16.4877, 8.5963.



This preview shows how white text looks on a background with the XYZ color 23.5787, 16.4877,

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

23.5787, 16.4877, 8.5963

Protanopia

15.5517, 16.5798, 11.6131

Deuteranopia

16.7846, 16.4857, 8.0918



Tritanopia

24.0768, 16.4765, 10.7154

Trichromacy



Original Color

23.5787, 16.4877, 8.5963

Protanomaly

17.6404, 15.9669, 10.3358

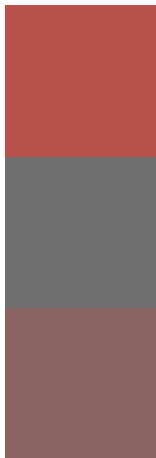
Deuteranomaly

18.7684, 16.1639, 8.2616

Tritanomaly

23.9939, 16.5613, 9.9147

Monochromacy



Original Color

23.5787, 16.4877, 8.5963

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.0783, 15.3145, 13.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5787, 16.4877, 8.5963 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(182, 82, 75)` looks like.

```
.text, #text, p{  
    color:rgb(182, 82, 75)  
}
```

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(182, 82, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 82, 75) }
```

Border

The CSS property to change the border of an element to XYZ 23.5787, 16.4877, 8.5963 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(182, 82, 75) }
```


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

```
.border{ border-color:rgb(182, 82, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 82, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 82, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 82, 75);  
box-shadow:4px 4px 4px 4px rgb(182, 82,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5787, 16.4877, 8.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 82, 75) }
```

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

```
.background{ background-color: rgb(182, 82,  
75) }
```

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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