

Converting Colors

XYZ(24.6363, 16.4560, 4.8966)

Have a look what the booklet for
XYZ(24.6363, 16.4560, 4.8966)
contains.

XYZ(24.6460, 16.4755, 4.8987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.6460, 16.4755,
4.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4C32
RGB	191, 76, 50
RGB Percent	75%, 30%, 20%
CMY	0.2510, 0.7019, 0.8039
CMYK	0.00, 0.60, 0.74, 0.25
HSL	11°, 59%, 47%
HSV	11°, 74%, 75%
XYZ	24.6460, 16.4755, 4.8987
YIQ	107.4210, 76.8860, 16.2940

Conversions

Conversions Part 2

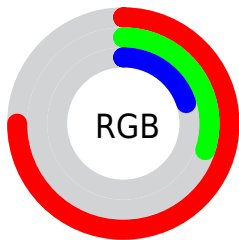
Format	Color
R_{YB}	191, 82, 50
Decimal	12536882
CIE _{Lab}	47.59, 44.74, 38.51
CIE _{LCh}	48, 59.027, 40.722
Yxy	16.4755, 0.5355, 0.3580
Android (android.graphics.Color)	4290726962 (0xFFBF4C32)
YUV	107.4210, -28.3086, 73.2988
Hunter-Lab	40.5900, 37.3515, 21.2575

Details

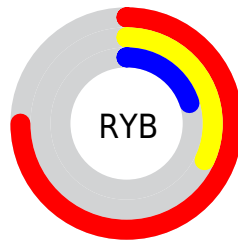
The XYZ color **24.6460, 16.4755, 4.8987** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **24.1733, 31.3475, 54.0665**, and the grayscale version is **14.1541, 14.8912, 16.2165**.

A 20% lighter version of the original color is **50.5629, 37.4650, 16.1218**, and **9.6321, 5.3344, 0.6368** is the 20% darker color. If you saturate the color by 10%, you get **23.3702, 14.4516, 2.8472**, and if you desaturate by 10%, it is **26.3542, 19.0896, 7.9423**.

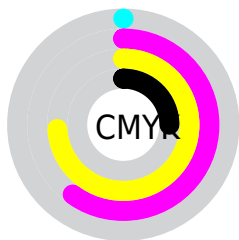
Distribution



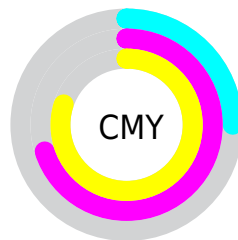
- Red (75%)
- Green (30%)
- Blue (20%)



- Red (75%)
- Yellow (32%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (74%)
- Black (25%)





- Cyan (25%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6460, 16.4755, 4.8987 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 24.6460, 16.4755, 4.8987 by changing the saturation by 10% instead.


 24.6460, 16.4755,
4.8987


 24.6460, 16.4755,
4.8987


268.4507,
232.1314, 157.7445


 15.9408, 9.8613,
2.1302


 50.5294, 37.4217,
16.0345


 9.5729, 5.3071,
0.6337


 68.4383, 52.5225,
25.2389

 5.1768, 2.4285,
0.0000

 90.1459, 71.2210,
37.4257

 2.3872, 0.8405,
0.0000

 116.0174, 93.9014,
53.0134

 0.8387, 0.0000,
0.0000

 146.4183,
120.9483, 72.4206

 0.0000, 0.0000,
0.0000

 181.7139,

152.7460, 96.0658

222.2696,
189.6789, 124.3676

■ 24.6460, 16.4755,
4.8987

■ 24.6460, 16.4755,
4.8987

■ 23.3702, 14.4516,
2.8472

■ 26.3542, 19.0896,
7.9423

■ 22.4836, 12.9679,
1.6595

■ 28.5300, 22.3332,
12.0832

■ 22.0935, 12.2918,
1.2081

■ 31.2059, 26.2452,
17.4141

■ 34.4113, 30.8606,
24.0175

■ 38.1731, 36.2118,
31.9685

■ 42.5164, 42.3294,
41.3365

■ 47.4648, 49.2419,
52.1859

■ 53.0405, 56.9767,
64.5773

■ 59.2645, 65.5596,
78.5679

Harmonies

Analogous

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



27.8509, 16.4755, 13.0704



24.6460, 16.4755, 4.8987



19.2425, 16.4755, 2.1342

Triad

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



24.6460, 16.4755, 4.8987



7.9197, 16.4755, 9.9731



17.6181, 16.4755, 64.1194

Complementary

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



24.6460, 16.4755, 4.8987



24.1733, 31.3475, 54.0665

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.



12.5514, 16.4755, 61.5397



24.6460, 16.4755, 4.8987



7.6743, 16.4755, 23.8874

Square

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



24.6460, 16.4755, 4.8987



9.9433, 16.4755, 3.7216



9.1756, 16.4755, 44.2570



23.2301, 16.4755, 50.0748

Rectangle

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



24.6460, 16.4755, 4.8987



15.5323, 16.4755, 1.7653



9.1756, 16.4755, 44.2570



15.7874, 16.4755, 65.3038

Sweetspot

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



24.6464, 16.4764, 4.8990



69.4483, 66.3827, 59.5657



29.4315, 16.0796, 37.2212



14.8126, 13.9578, 12.1451



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.



24.6464, 16.4764, 4.8990



40.7373, 24.0295, 3.5407



32.3944, 31.9724, 7.4816



9.6687, 9.8134, 9.9612



14.5635, 8.1659, 0.8086



0.6144, 0.4077, 0.0463

Inverse Universe

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



24.1733, 31.3475, 54.0665



39.5516, 51.4758, 96.1304



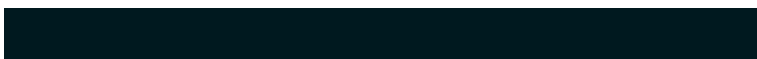
14.7801, 12.5613, 50.9354



9.6549, 10.5021, 12.1905



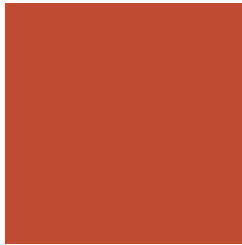
14.0225, 18.1567, 35.1584



0.5888, 0.7902, 1.3904

Previews

White Background



This preview shows how the XYZ color 24.6460, 16.4755, 4.8987 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 24.6460, 16.4755, 4.8987 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 24.6460, 16.4755, 4.8987

Background



This preview shows how black text looks on a background with the XYZ color 24.6460, 16.4755, 4.8987.



This preview shows how white text looks on a background with the XYZ color 24.6460, 16.4755,

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

24.6460, 16.4755, 4.8987

Protanopia

15.3443, 16.7424, 6.9803

Deuteranopia

16.9539, 16.6503, 4.6058



Tritanopia

25.4603, 16.5074, 8.8655

Trichromacy



Original Color

24.6460, 16.4755, 4.8987

Protanomaly

17.7153, 15.8094, 6.1208

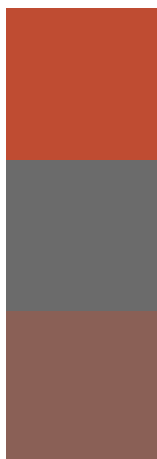
Deuteranomaly

19.1732, 16.0366, 4.6696

Tritanomaly

25.2001, 16.5093, 7.1686

Monochromacy



Original Color

24.6460, 16.4755, 4.8987

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.3438, 14.4409, 10.7301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6460, 16.4755, 4.8987 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(191, 76, 50)` looks like.

```
.text, #text, p{  
  color:rgb(191, 76, 50)  
}
```

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(191, 76, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 76, 50) }
```

Border

The CSS property to change the border of an element to XYZ 24.6460, 16.4755, 4.8987 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(191, 76, 50) }
```


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

```
.border{ border-color:rgb(191, 76, 50) }
```

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

Here you see how a box with a 4 pixel rgb(191, 76, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 76, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 76, 50);  
box-shadow:4px 4px 4px 4px rgb(191, 76,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6460, 16.4755, 4.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 76, 50) }
```

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

```
.background{ background-color: rgb(191, 76,  
50) }
```

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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