

Converting Colors

XYZ(30.4592, 28.3683, 23.6287)

Have a look what the booklet for
XYZ(30.4592, 28.3683, 23.6287)
contains.

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Color

**XYZ(30.4746, 28.3448,
23.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	B0887E
RGB	176, 136, 126
RGB Percent	69%, 53%, 49%
CMY	0.3098, 0.4666, 0.5059
CMYK	0.00, 0.23, 0.28, 0.31
HSL	12°, 24%, 59%
HSV	12°, 28%, 69%
XYZ	30.4746, 28.3448, 23.6036
YIQ	146.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

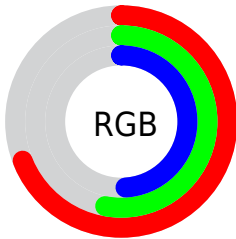
Format	Color
R_{YB}	176, 139, 126
Decimal	11569278
CIE _{Lab}	60.20, 13.77, 11.23
CIE _{LCh}	60, 17.774, 39.198
Yxy	28.3448, 0.3697, 0.3439
Android (android.graphics.Color)	4289759358 (0xFFB0887E)
YUV	146.8200, -10.2643, 25.5909
Hunter-Lab	53.2398, 9.0041, 10.9820

Details

The XYZ color **30.4746, 28.3448, 23.6036** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0766, 34.8417, 46.2144**, and the grayscale version is **27.6927, 29.1349, 31.7279**.

A 20% lighter version of the original color is **59.6130, 56.8057, 50.4705**, and **12.6934, 11.3290, 8.5389** is the 20% darker color. If you saturate the color by 10%, you get **27.5832, 24.2222, 17.5211**, and if you desaturate by 10%, it is **33.8278, 33.0709, 30.8264**.

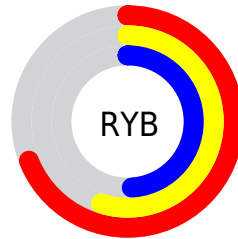
Distribution



Red (69%)

Green (53%)

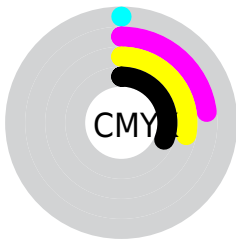
Blue (49%)



Red (69%)

Yellow (55%)

Blue (49%)

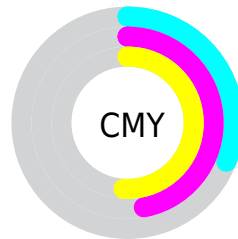


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (31%)



Cyan (31%)


Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4746, 28.3448, 23.6036 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 30.4746, 28.3448, 23.6036 by changing the saturation by 10% instead.


 30.4746, 28.3448,
23.6036


 30.4746, 28.3448,
23.6036


295.9807,
294.1108, 284.0320


 20.3490, 18.5857,
14.8304


 59.7934, 57.0345,
50.3182

 12.7587, 11.3713,
8.5551


 79.7173, 76.7339,
69.0967

 7.3384, 6.3172,
4.3593

 103.6380,
100.5155, 92.0474

 3.7229, 3.0389,
1.8245

131.9208,
128.7637, 119.5887

 1.5466, 1.1521,
0.4440

164.9311,
161.8630, 152.1393

 0.3572, 0.0220,
0.0000

203.0343,

 0.0000, 0.0000,

200.1977, 190.1177

0.0000

246.5958,
244.1522, 233.9424

■ 30.4746, 28.3448,
23.6036

■ 30.4746, 28.3448,
23.6036

■ 27.5832, 24.2222,
17.5211

■ 33.8278, 33.0709,
30.8264

■ 25.1308, 20.6749,
12.5187

■ 37.6599, 38.4195,
39.2421

■ 23.0960, 17.6781,
8.5332

■ 41.9896, 44.4135,
48.9021

■ 21.4546, 15.2037,
5.4942

■ 46.8341, 51.0738,
59.8542

■ 20.1800, 13.2212,
3.3221

■ 52.2098, 58.4200,
72.1437

■ 19.2416, 11.6965,
1.9242

■ 58.1322, 66.4711,
85.8137

■ 18.5957, 10.5878,
1.1440

■ 64.6164, 75.2452,
100.9055

■ 18.5119, 10.4447,
1.0404

■ 69.7176, 83.9761,
107.1423

■ 71.7146, 87.9702,
107.8079

Harmonies

Analogous

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



31.4932, 28.3448, 28.9034



30.4746, 28.3448, 23.6036



28.5242, 28.3448, 20.5714

Triad

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



30.4746, 28.3448, 23.6036



23.0555, 28.3448, 26.6244



27.6461, 28.3448, 44.9529

Complementary

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



30.4746, 28.3448, 23.6036



30.0766, 34.8417, 46.2144

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.



25.4172, 28.3448, 44.1159



30.4746, 28.3448, 23.6036



22.8498, 28.3448, 32.9086

Square

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



30.4746, 28.3448, 23.6036



24.2701, 28.3448, 22.1374



23.6915, 28.3448, 39.4756



29.8008, 28.3448, 41.6235

Rectangle

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



30.4746, 28.3448, 23.6036



27.0021, 28.3448, 19.9555



23.6915, 28.3448, 39.4756



26.8797, 28.3448, 45.1586

Sweetspot

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



30.4754, 28.3461, 23.6042



67.7509, 68.9133, 69.9518



32.2486, 26.9054, 39.5702



14.4583, 14.6223, 14.6639



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.4754, 28.3461, 23.6042



51.9307, 46.6573, 35.7474



34.4156, 36.2265, 24.9176



8.6295, 8.7715, 8.8908



13.6167, 7.7321, 0.7748



0.4687, 0.3238, 0.0378

Inverse Universe

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



30.0766, 34.8417, 46.2144



51.0811, 60.3463, 83.4510



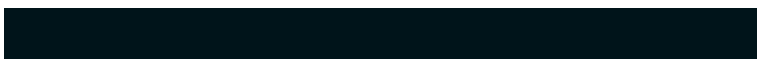
25.9659, 26.6203, 44.8442



8.5954, 9.3370, 10.8555



12.7572, 16.3148, 32.6137



0.4382, 0.5868, 1.0384

Previews

White Background



This preview shows how the XYZ color 30.4746, 28.3448, 23.6036 looks on a white background.

Color Contrast Check

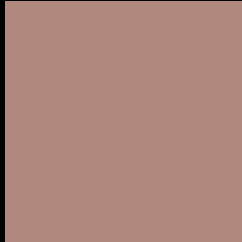
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.4746, 28.3448, 23.6036 looks on a black 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

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

XYZ 30.4746, 28.3448, 23.6036

Background



This preview shows how black text looks on a background with the XYZ color 30.4746, 28.3448, 23.6036.



This preview shows how white text looks on a background with the XYZ color 30.4746, 28.3448,

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

30.4746, 28.3448, 23.6036

Protanopia

26.9846, 28.4688, 25.5455

Deuteranopia

29.0161, 28.4523, 23.3646



Tritanopia

31.7817, 28.2537, 30.1640

Trichromacy



Original Color

30.4746, 28.3448, 23.6036

Protanomaly

28.1327, 28.4046, 24.7688

Deuteranomaly

29.5119, 28.4920, 23.3461

Tritanomaly

31.1719, 28.2034, 27.4678

Monochromacy



Original Color

30.4746, 28.3448, 23.6036

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5832, 28.7781, 28.4743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4746, 28.3448, 23.6036 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(176, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 126)  
}
```

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(176, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 126) }
```

Border

The CSS property to change the border of an element to XYZ 30.4746, 28.3448, 23.6036 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(176, 136, 126) }
```


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

```
.border{ border-color:rgb(176, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4746, 28.3448, 23.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 126) }
```

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

```
.background{ background-color: rgb(176,  
136, 126) }
```

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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