

Converting Colors

XYZ(51.6904, 47.7889, 30.8988)

Have a look what the booklet for
XYZ(51.6904, 47.7889, 30.8988)
contains.

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Color

**XYZ(51.5362, 47.6479,
30.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AB8B
RGB	229, 171, 139
RGB Percent	90%, 67%, 55%
CMY	0.1020, 0.3294, 0.4549
CMYK	0.00, 0.25, 0.39, 0.10
HSL	21°, 63%, 72%
HSV	21°, 39%, 90%
XYZ	51.5362, 47.6479, 30.9068
YIQ	184.6940, 44.8400, 2.3440

Conversions

Conversions Part 2

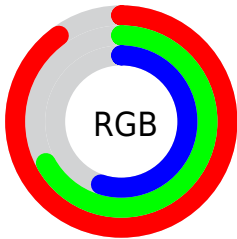
Format	Color
R _Y B	229, 189, 139
Decimal	15051659
CIE Lab	74.60, 17.19, 24.77
CIE LCh	75, 30.152, 55.237
Yxy	47.6479, 0.3962, 0.3663
Android (android.graphics.Color)	4293241739 (0xFFE5AB8B)
YUV	184.6940, -22.5271, 38.8564
Hunter-Lab	69.0275, 12.4708, 21.7723

Details

The XYZ color **51.5362, 47.6479, 30.9068** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.7558, 51.0767, 81.6286**, and the grayscale version is **46.0488, 48.4469, 52.7587**.

A 20% lighter version of the original color is **78.0620, 79.5030, 61.6834**, and **25.4133, 22.6856, 12.4905** is the 20% darker color. If you saturate the color by 10%, you get **47.4017, 41.7820, 22.1204**, and if you desaturate by 10%, it is **56.3348, 54.2809, 41.6446**.

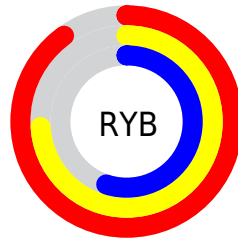
Distribution



Red (90%)

Green (67%)

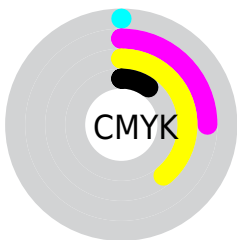
Blue (55%)



Red (90%)

Yellow (74%)

Blue (55%)

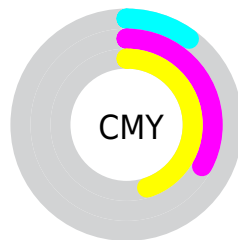


Cyan (0%)

Magenta (25%)

Yellow (39%)

Black (10%)



Cyan (10%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5362, 47.6479, 30.9068 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 51.5362, 47.6479, 30.9068 by changing the saturation by 10% instead.


 51.5362, 47.6479,
30.9068


 51.5362, 47.6479,
30.9068


382.9969,
377.3948, 320.4466

 36.8583, 33.5481,
20.2700

 91.6252, 86.6799,
62.1712

 25.2710, 22.5467,
12.4055


 117.7669,
112.3810, 83.6358

 16.4089, 14.2591,
6.8946


 148.4607,
142.7179, 109.5469

 9.9066, 8.3011,
3.3188

184.0718,
178.0752, 140.3228

 5.3989, 4.2882,
1.2596

224.9656,
218.8371, 176.3822

 2.5203, 1.8361,
0.0284

271.5075,

 0.9055, 0.5095,

265.3880, 218.1436

0.0000

324.0628,
318.1125, 266.0256

■ 0.0000, 0.0000,
0.0000

■ 51.5362, 47.6479,
30.9068

■ 51.5362, 47.6479,
30.9068

■ 47.4017, 41.7820,
22.1204

■ 56.3348, 54.2809,
41.6446

■ 43.8955, 36.6473,
15.1629

■ 61.8237, 61.7017,
54.4403

■ 40.9835, 32.2148,
9.9024

■ 68.0322, 69.9387,
69.3959

■ 38.6263, 28.4504,
6.1876

■ 74.9863, 79.0164,
86.6060

■ 36.7786, 25.3168,
3.8399

■ 82.7111, 88.9587,
106.1593

■ 35.3745, 22.7668,
2.5760

■ 86.1231, 95.3980,
108.4822

■ 35.2879, 22.6077,
2.5038

Harmonies

Analogous

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



55.4547, 47.6479, 40.0966



51.5362, 47.6479, 30.9068



46.1645, 47.6479, 27.3315

Triad

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



51.5362, 47.6479, 30.9068



35.6179, 47.6479, 49.4259



49.9093, 47.6479, 84.0761

Complementary

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



51.5362, 47.6479, 30.9068



44.7558, 51.0767, 81.6286

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.



44.4225, 47.6479, 87.9472



51.5362, 47.6479, 30.9068



36.4465, 47.6479, 65.7727

Square

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



51.5362, 47.6479, 30.9068



37.2053, 47.6479, 36.5670



39.5662, 47.6479, 80.6814



54.4638, 47.6479, 70.9644

Rectangle

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



51.5362, 47.6479, 30.9068



42.5865, 47.6479, 27.9574



39.5662, 47.6479, 80.6814



48.1012, 47.6479, 86.6001

Sweetspot

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



51.5374, 47.6502, 30.9077



84.5379, 86.2416, 82.9964



51.6814, 39.1779, 57.9627



17.8676, 18.1589, 17.2154



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.5374, 47.6502, 30.9077



61.4984, 54.7628, 30.3060



61.4014, 67.3781, 34.1957



14.7943, 15.2024, 15.0591



20.2791, 13.1323, 1.4660



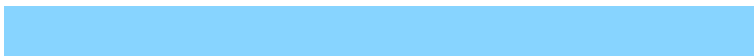
1.5838, 1.1408, 0.1367

Inverse Universe

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



44.7558, 51.0767, 81.6286



51.7044, 59.6606, 103.3983



36.1003, 33.7658, 78.7434



14.3537, 15.4288, 18.3659



14.2196, 15.5013, 44.6258



1.1376, 1.3192, 3.3266

Previews

White Background



This preview shows how the XYZ color 51.5362, 47.6479, 30.9068 looks on a white background.

Color Contrast Check

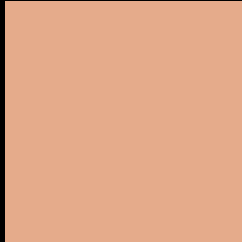
Large Text (above 18pt) WCAG AA × Fail

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 51.5362, 47.6479, 30.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

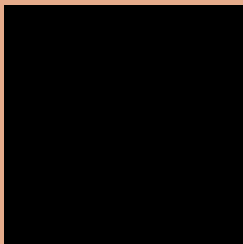
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5362, 47.6479, 30.9068

Background



This preview shows how black text looks on a background with the XYZ color 51.5362, 47.6479, 30.9068.



This preview shows how white text looks on a background with the XYZ color 51.5362, 47.6479,

30.9068.

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

51.5362, 47.6479, 30.9068

Protanopia

45.0163, 48.0611, 33.6922

Deuteranopia

48.7281, 47.6374, 30.6714



Tritanopia

55.2764, 47.8104, 48.4344

Trichromacy



Original Color

51.5362, 47.6479, 30.9068

Protanomaly

47.0904, 47.6333, 32.6988

Deuteranomaly

49.5423, 47.4792, 30.5980

Tritanomaly

53.9822, 47.8414, 41.5111

Monochromacy



Original Color

51.5362, 47.6479, 30.9068

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4765, 47.8872, 43.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5362, 47.6479, 30.9068 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(229, 171, 139)` looks like.

```
.text, #text, p{  
    color:rgb(229, 171, 139)  
}
```

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(229, 171, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 171, 139) }
```

Border

The CSS property to change the border of an element to XYZ 51.5362, 47.6479, 30.9068 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(229, 171, 139) }
```


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

```
.border{ border-color:rgb(229, 171, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 171, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 171, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 171, 139);  
box-shadow:4px 4px 4px 4px rgb(229, 171,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5362, 47.6479, 30.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 171, 139) }
```

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

```
.background{ background-color: rgb(229,  
171, 139) }
```

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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