

Converting Colors

XYZ(53.0904, 48.7221, 31.4171)

Have a look what the booklet for
XYZ(53.0904, 48.7221, 31.4171)
contains.

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Color

**XYZ(53.0904, 48.7221,
31.4171)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AC8C
RGB	233, 172, 140
RGB Percent	91%, 67%, 55%
CMY	0.0863, 0.3255, 0.4510
CMYK	0.00, 0.26, 0.40, 0.09
HSL	21°, 68%, 73%
HSV	21°, 40%, 91%
XYZ	53.0904, 48.7221, 31.4171
YIQ	186.5910, 46.6280, 2.9800

Conversions

Conversions Part 2

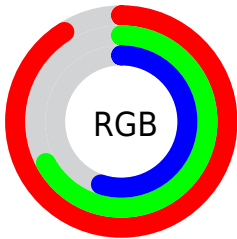
Format	Color
R _Y B	233, 189, 140
Decimal	15314060
CIE Lab	75.28, 18.34, 25.22
CIE LCh	75, 31.179, 53.976
Yxy	48.7221, 0.3985, 0.3657
Android (android.graphics.Color)	4293504140 (0xFFE9AC8C)
YUV	186.5910, -22.9694, 40.7007
Hunter-Lab	69.8012, 13.6139, 22.1748

Details

The XYZ color **53.0904, 48.7221, 31.4171** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.4090, 53.2300, 84.9191**, and the grayscale version is **47.1116, 49.5650, 53.9763**.

A 20% lighter version of the original color is **78.7210, 80.6418, 62.4553**, and **26.2411, 23.2851, 12.7843** is the 20% darker color. If you saturate the color by 10%, you get **48.8080, 42.6218, 22.3921**, and if you desaturate by 10%, it is **58.0735, 55.6415, 42.4712**.

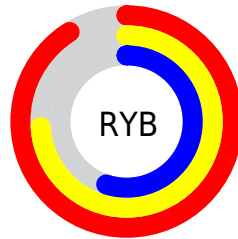
Distribution



Red (91%)

Green (67%)

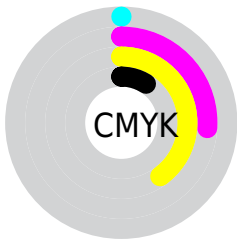
Blue (55%)



Red (91%)

Yellow (74%)

Blue (55%)

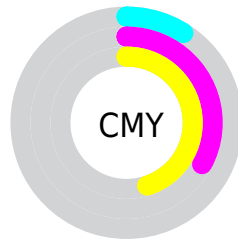


Cyan (0%)

Magenta (26%)

Yellow (40%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0904, 48.7221, 31.4171 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 53.0904, 48.7221, 31.4171 by changing the saturation by 10% instead.


 53.0904, 48.7221,
31.4171

 53.0904, 48.7221,
31.4171


388.8870,
381.6473, 322.8658


 38.1027, 34.3991,
20.6555


 93.9021, 88.2786,
62.9834

 26.2400, 23.2004,
12.6837


 120.4569,
114.2808, 84.6252

 17.1369, 14.7415,
7.0829


 151.5980,
144.9449, 110.7309

 10.4280, 8.6382,
3.4348

187.6909,
180.6553, 141.7190

 5.7481, 4.5059,
1.3207

229.1009,
221.7963, 178.0080

 2.7317, 1.9604,
0.0787

276.1933,

 1.0135, 0.5843,

268.7524, 220.0164

0.0000

329.3336,
321.9079, 268.1628

■ 0.0000, 0.0000,
0.0000

■ 53.0904, 48.7221,
31.4171

■ 53.0904, 48.7221,
31.4171

■ 48.8080, 42.6218,
22.3921

■ 58.0735, 55.6415,
42.4712

■ 45.1882, 37.3017,
15.2677

■ 63.7856, 63.4030,
55.6665

■ 42.1944, 32.7301,
9.9048

■ 70.2575, 72.0372,
71.1101

■ 39.7847, 28.8699,
6.1440

■ 77.5174, 81.5710,
88.9010

■ 37.9103, 25.6801,
3.7959

■ 85.3490, 91.9331,
107.8542

■ 36.4972, 23.1079,
2.5424

■ 87.4142, 96.0636,
108.5427

■ 36.4864, 23.0880,
2.5334

Harmonies

Analogous

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



57.1145, 48.7221, 41.2416



53.0904, 48.7221, 31.4171



47.4740, 48.7221, 27.4660

Triad

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



53.0904, 48.7221, 31.4171



36.2004, 48.7221, 49.8092



50.9282, 48.7221, 87.3900

Complementary

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



53.0904, 48.7221, 31.4171



46.4090, 53.2300, 84.9191

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.



45.1630, 48.7221, 90.9900



53.0904, 48.7221, 31.4171



36.9601, 48.7221, 66.9215

Square

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



53.0904, 48.7221, 31.4171



37.9633, 48.7221, 36.5829



40.1310, 48.7221, 82.8551



55.7959, 48.7221, 73.8387

Rectangle

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



53.0904, 48.7221, 31.4171



43.7006, 48.7221, 27.9584



40.1310, 48.7221, 82.8551



49.0190, 48.7221, 89.9065

Sweetspot

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



53.0916, 48.7244, 31.4181



84.4374, 86.0405, 82.9629



53.6433, 40.3445, 60.8374



17.8440, 18.1118, 17.2076



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.



53.0916, 48.7244, 31.4181



60.7221, 53.4945, 29.1708



63.2800, 69.1011, 34.8142



15.4893, 15.9016, 15.7717



20.8071, 13.3085, 1.4721



1.7206, 1.2185, 0.1445

Inverse Universe

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



46.4090, 53.2300, 84.9191



51.4232, 59.7008, 103.4209



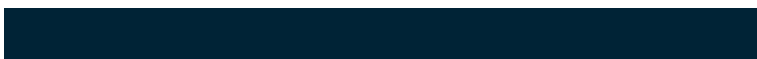
37.3284, 35.0687, 81.8922



15.0560, 16.1984, 19.2553



14.9120, 16.4709, 46.1362



1.2599, 1.4713, 3.6525

Previews

White Background



This preview shows how the XYZ color 53.0904, 48.7221, 31.4171 looks on a white background.

Color Contrast Check

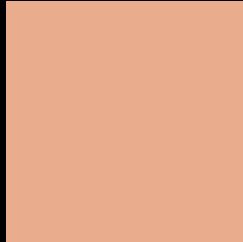
Large Text (above 18pt) WCAG AA × Fail

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 53.0904, 48.7221, 31.4171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

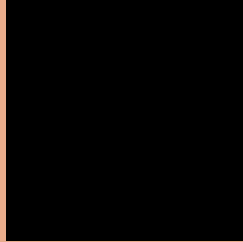
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0904, 48.7221, 31.4171

Background



This preview shows how black text looks on a background with the XYZ color 53.0904, 48.7221, 31.4171.



This preview shows how white text looks on a background with the XYZ color 53.0904, 48.7221,

31.4171.

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

53.0904, 48.7221, 31.4171

Protanopia

45.8260, 48.7790, 34.1941

Deuteranopia

49.7940, 48.7649, 31.2142



Tritanopia

56.8805, 48.8966, 49.0879

Trichromacy



Original Color

53.0904, 48.7221, 31.4171

Protanomaly

48.2193, 48.5050, 33.2065

Deuteranomaly

50.9260, 48.7620, 31.1540

Tritanomaly

55.5716, 48.9254, 42.1119

Monochromacy



Original Color

53.0904, 48.7221, 31.4171

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8855, 49.1955, 44.9494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0904, 48.7221, 31.4171 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(233, 172, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 172, 140)  
}
```

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(233, 172, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 172, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.0904, 48.7221, 31.4171 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(233, 172, 140) }
```


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

```
.border{ border-color:rgb(233, 172, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 172, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(233, 172,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0904, 48.7221, 31.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 172, 140) }
```

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

```
.background{ background-color: rgb(233,  
172, 140) }
```

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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