

Converting Colors

XYZ(50.3057, 49.2544, 21.0430)

Have a look what the booklet for XYZ(50.3057, 49.2544, 21.0430) contains.

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Color

**XYZ(50.3057, 49.2544,
21.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B26C
RGB	227, 178, 108
RGB Percent	89%, 70%, 42%
CMY	0.1098, 0.3019, 0.5765
CMYK	0.00, 0.22, 0.52, 0.11
HSL	35°, 68%, 66%
HSV	35°, 52%, 89%
XYZ	50.3057, 49.2544, 21.0430
YIQ	184.6710, 51.6740, -11.3820

Conversions

Conversions Part 2

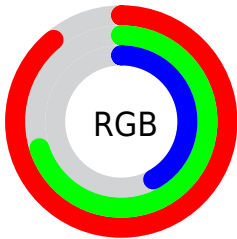
Format	Color
R_{YB}	191, 227, 108
Decimal	14922348
CIE _{Lab}	75.61, 9.58, 42.31
CIE _{LCh}	76, 43.386, 77.243
Yxy	49.2544, 0.4171, 0.4084
Android (android.graphics.Color)	4293112428 (0xFFE3B26C)
YUV	184.6710, -37.7988, 37.1225
Hunter-Lab	70.1815, 5.1302, 31.3497

Details

The XYZ color **50.3057, 49.2544, 21.0430** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.1059, 32.8467, 77.3206**, and the grayscale version is **46.1155, 48.5171, 52.8352**.

A 20% lighter version of the original color is **77.0958, 82.6788, 45.6134**, and **24.4595, 23.4077, 7.2320** is the 20% darker color. If you saturate the color by 10%, you get **47.4549, 45.2411, 14.8887**, and if you desaturate by 10%, it is **53.6001, 53.6517, 28.8978**.

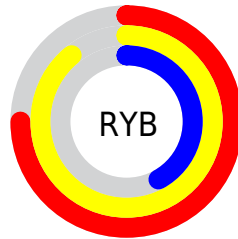
Distribution



Red (89%)

Green (70%)

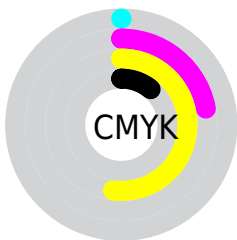
Blue (42%)



Red (75%)

Yellow (89%)

Blue (42%)

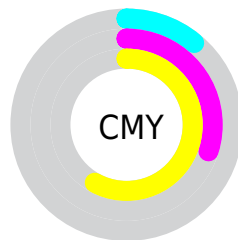


Cyan (0%)

Magenta (22%)

Yellow (52%)

Black (11%)



Cyan (11%)

Magenta (30%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3057, 49.2544, 21.0430 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 50.3057, 49.2544, 21.0430 by changing the saturation by 10% instead.

50.3057, 49.2544,
21.0430

50.3057, 49.2544,
21.0430

378.2925,
383.7430, 270.2955

35.8752, 34.8213,
12.9639

89.8168, 89.0692,
46.0408

24.5075, 23.5253,
7.2732

115.6280,
115.2197, 63.7966

15.8372, 14.9818,
3.5525

145.9635,
146.0448, 85.6150

9.4992, 8.8066,
1.3832

181.1886,
181.9288, 111.9146

5.1279, 4.6153,
0.1286

221.6687,
223.2563, 143.1139

2.3580, 2.0234,
0.0000

267.7692,

0.8241, 0.6210,

270.4116, 179.6314

0.0000

319.8553,
323.7790, 221.8858

■ 0.0000, 0.0000,
0.0000

■ 50.3057, 49.2544,
21.0430

■ 50.3057, 49.2544,
21.0430

■ 47.4549, 45.2411,
14.8887

■ 53.6001, 53.6517,
28.8978

■ 45.0167, 41.5897,
10.2995

■ 57.3592, 58.4395,
38.5681

■ 42.9610, 38.2859,
7.1244

■ 61.6069, 63.6333,
50.1626

■ 41.2504, 35.3104,
5.1801

■ 66.3641, 69.2449,
63.7801

■ 40.1400, 33.2540,
4.3031

■ 71.6504, 75.2859,
79.5129

■ 77.4844, 81.7671,
97.4474

■ 81.9072, 87.9085,
107.2588

■ 84.7824, 93.6587,
108.2172

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



58.0919, 49.2544, 27.2853



50.3057, 49.2544, 21.0430



42.3880, 49.2544, 21.5265

Triad

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



50.3057, 49.2544, 21.0430



33.5695, 49.2544, 67.8253



59.0836, 49.2544, 89.5754

Complementary

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



50.3057, 49.2544, 21.0430



32.1059, 32.8467, 77.3206

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.



51.5396, 49.2544, 107.8784



50.3057, 49.2544, 21.0430



37.1007, 49.2544, 93.0629

Square

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



50.3057, 49.2544, 21.0430



33.3197, 49.2544, 44.4507



43.4893, 49.2544, 109.3113



63.5356, 49.2544, 63.9925

Rectangle

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



50.3057, 49.2544, 21.0430



38.0832, 49.2544, 25.5804



43.4893, 49.2544, 109.3113



56.7885, 49.2544, 97.0655

Sweetspot

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



50.3069, 49.2568, 21.0440



84.0365, 87.3920, 76.1915



43.1770, 29.5107, 35.5809



17.7118, 18.3809, 15.5188



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.



50.3069, 49.2568, 21.0440



61.4431, 58.4083, 18.7077



58.8158, 70.7851, 24.7509



15.0781, 15.7701, 15.1537



23.5275, 19.6291, 2.5488



1.8296, 1.6325, 0.2187

Inverse Universe

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



32.1059, 32.8467, 77.3206



35.3584, 34.9310, 99.4865



26.6880, 20.1174, 75.1491



14.0678, 14.8569, 18.2706



10.5012, 8.0644, 43.3863



0.8657, 0.7753, 3.2360

Previews

White Background



This preview shows how the XYZ color 50.3057, 49.2544, 21.0430 looks on a white background.

Color Contrast Check

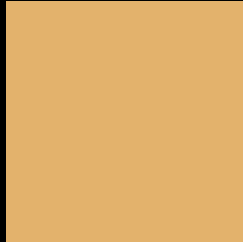
Large Text (above 18pt) WCAG AA × Fail

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 50.3057, 49.2544, 21.0430 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 50.3057, 49.2544, 21.0430

Background



This preview shows how black text looks on a background with the XYZ color 50.3057, 49.2544, 21.0430.



This preview shows how white text looks on a background with the XYZ color 50.3057, 49.2544,

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

50.3057, 49.2544, 21.0430

Protanopia

45.5414, 49.5257, 22.1981

Deuteranopia

50.3057, 49.2544, 21.0430



Tritanopia

56.2357, 49.0770, 50.7648

Trichromacy



Original Color

50.3057, 49.2544, 21.0430

Protanomaly

47.1063, 49.4038, 21.8050

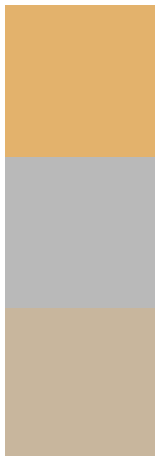
Deuteranomaly

50.3057, 49.2544, 21.0430

Tritanomaly

53.6239, 48.8605, 37.6151

Monochromacy



Original Color

50.3057, 49.2544, 21.0430

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.6332, 48.1696, 38.7381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3057, 49.2544, 21.0430 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(227, 178, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 108)  
}
```

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(227, 178, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 108) }
```

Border

The CSS property to change the border of an element to XYZ 50.3057, 49.2544, 21.0430 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(227, 178, 108) }
```


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

```
.border{ border-color:rgb(227, 178, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 178, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3057, 49.2544, 21.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 108) }
```

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

```
.background{ background-color: rgb(227,  
178, 108) }
```

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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