

Converting Colors

XYZ(54.1621, 58.3891, 32.8417)

Have a look what the booklet for
XYZ(54.1621, 58.3891, 32.8417)
contains.

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Color

**XYZ(54.1621, 58.3891,
32.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C98B
RGB	217, 201, 139
RGB Percent	85%, 79%, 55%
CMY	0.1490, 0.2117, 0.4549
CMYK	0.00, 0.07, 0.36, 0.15
HSL	48°, 51%, 70%
HSV	48°, 36%, 85%
XYZ	54.1621, 58.3891, 32.8417
YIQ	198.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

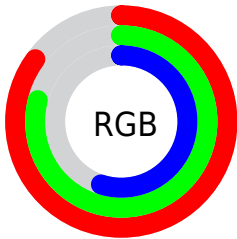
Format	Color
RYB	159, 217, 139
Decimal	14272907
CIELab	80.95, -3.38, 33.04
CIELCh	81, 33.208, 95.839
Yxy	58.3891, 0.3725, 0.4016
Android (android.graphics.Color)	4292462987 (0xFFD9C98B)
YUV	198.7160, -29.4400, 16.0351
Hunter-Lab	76.4128, -7.1998, 28.0065

Details

The XYZ color **54.1621, 58.3891, 32.8417** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8929, 33.9404, 70.3577**, and the grayscale version is **54.2754, 57.1019, 62.1840**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **26.8931, 29.1491, 13.4414** is the 20% darker color. If you saturate the color by 10%, you get **51.7095, 55.7743, 24.9630**, and if you desaturate by 10%, it is **56.9625, 61.1953, 42.3903**.

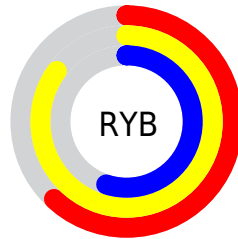
Distribution



Red (85%)

Green (79%)

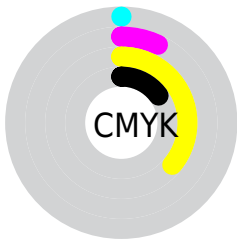
Blue (55%)



Red (62%)

Yellow (85%)

Blue (55%)

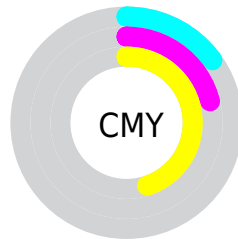


Cyan (0%)

Magenta (7%)

Yellow (36%)

Black (15%)



Cyan (15%)

Magenta (21%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1621, 58.3891, 32.8417 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 54.1621, 58.3891, 32.8417 by changing the saturation by 10% instead.

■ 54.1621, 58.3891,
32.8417

■ 54.1621, 58.3891,
32.8417

392.9161,
418.6342, 329.5459

■ 38.9625, 42.1215,
21.7351

■ 95.4677, 102.4893,
65.2415

■ 26.9111, 29.1965,
13.4659

■ 122.3044,
131.0907, 87.3717

■ 17.6427, 19.2295,
7.6157

■ 153.7508,
164.5721, 114.0135

■ 10.7919, 11.8362,
3.7658

190.1723,
203.3180, 145.5855

■ 5.9933, 6.6323,
1.4978

231.9342,
247.7128, 182.5062

■ 2.8817, 3.2332,
0.2163

279.4019,

■ 1.0915, 1.2547,

298.1409, 225.1942

0.0000

332.9408,
354.9865, 274.0679

■ 0.0180, 0.1057,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1621, 58.3891,
32.8417

■ 54.1621, 58.3891,
32.8417

■ 51.7095, 55.7743,
24.9630

■ 56.9625, 61.1953,
42.3903

■ 49.5812, 53.3348,
18.6520

■ 60.1236, 64.1922,
53.6956

■ 47.7579, 51.0646,
13.8006

■ 63.6631, 67.3893,
66.8430

■ 46.2158, 48.9537,
10.2859

■ 67.5962, 70.7931,
81.9109

44.9274, 46.9908,
7.9644

71.9371, 74.4097,
98.9734

43.8589, 45.1618,
6.6583

74.3274, 77.2960,
105.6099

43.4635, 44.4482,
6.2886

75.5653, 79.7718,
106.0225

76.8349, 82.3110,
106.4457

78.1365, 84.9142,
106.8796

Harmonies

Analogous

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



61.0901, 58.3891, 34.8934



54.1621, 58.3891, 32.8417



48.1058, 58.3891, 37.5414

Triad

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



54.1621, 58.3891, 32.8417



45.4482, 58.3891, 88.4403



68.4641, 58.3891, 80.3791

Complementary

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



54.1621, 58.3891, 32.8417



34.8929, 33.9404, 70.3577

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.



63.6091, 58.3891, 99.5031



54.1621, 58.3891, 32.8417



50.2563, 58.3891, 104.7899

Square

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



54.1621, 58.3891, 32.8417



43.3490, 58.3891, 67.5086



56.8538, 58.3891, 109.2077



69.7259, 58.3891, 59.7988

Rectangle

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



54.1621, 58.3891, 32.8417



45.2540, 58.3891, 44.5853



56.8538, 58.3891, 109.2077



67.1797, 58.3891, 87.3129

Sweetspot

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



54.1636, 58.3918, 32.8429



89.0506, 94.7081, 86.2239



43.8406, 35.6145, 35.9725



18.9125, 20.1372, 17.9074



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.



54.1636, 58.3918, 32.8429



75.3797, 81.3189, 38.6530



51.9532, 63.0787, 33.8641



13.9237, 14.7867, 13.8458



26.3881, 27.0617, 3.8326



1.7680, 1.8700, 0.2678

Inverse Universe

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



34.8929, 33.9404, 70.3577



43.7610, 41.2159, 100.2568



36.4757, 31.0632, 69.7189



12.5539, 13.0476, 16.5089



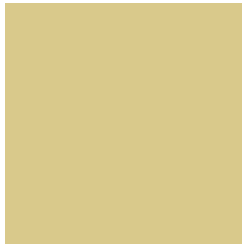
8.1992, 4.2678, 40.1300



0.5933, 0.4008, 2.6205

Previews

White Background



This preview shows how the XYZ color 54.1621, 58.3891, 32.8417 looks on a white background.

Color Contrast Check

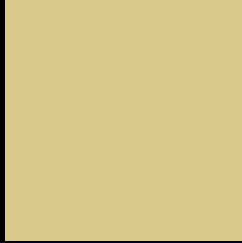
Large Text (above 18pt) WCAG AA × Fail

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 54.1621, 58.3891, 32.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

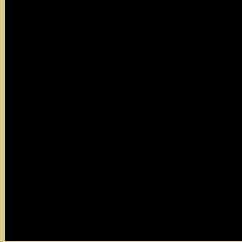
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1621, 58.3891, 32.8417

Background



This preview shows how black text looks on a background with the XYZ color 54.1621, 58.3891, 32.8417.



This preview shows how white text looks on a background with the XYZ color 54.1621, 58.3891,

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

54.1621, 58.3891, 32.8417

Protanopia

54.1621, 58.3891, 32.8417

Deuteranopia

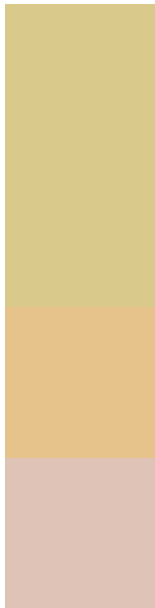
59.2540, 57.9731, 33.2662



Tritanopia

61.1635, 58.2118, 67.0438

Trichromacy



Original Color

54.1621, 58.3891, 32.8417

Protanomaly

54.1621, 58.3891, 32.8417

Deuteranomaly

57.2037, 57.9126, 32.9742

Tritanomaly

58.0828, 57.9372, 52.3777

Monochromacy



Original Color

54.1621, 58.3891, 32.8417

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0437, 57.6047, 49.8654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1621, 58.3891, 32.8417 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(217, 201, 139)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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(217, 201, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.1621, 58.3891, 32.8417 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(217, 201, 139) }
```


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

```
.border{ border-color:rgb(217, 201, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 139);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1621, 58.3891, 32.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 139) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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