

Converting Colors

XYZ(53.3203, 58.2205, 32.8256)

Have a look what the booklet for
XYZ(53.3203, 58.2205, 32.8256)
contains.

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Color

**XYZ(53.5123, 58.4013,
32.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CA8B
RGB	214, 202, 139
RGB Percent	84%, 79%, 55%
CMY	0.1608, 0.2078, 0.4549
CMYK	0.00, 0.06, 0.35, 0.16
HSL	50°, 48%, 69%
HSV	50°, 35%, 84%
XYZ	53.5123, 58.4013, 32.8783
YIQ	198.4060, 27.3750, -17.0490

Conversions

Conversions Part 2

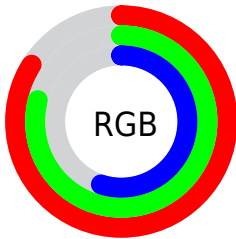
Format	Color
R _{YB}	153, 214, 139
Decimal	14076555
CIE Lab	80.96, -5.07, 33.00
CIE LCh	81, 33.385, 98.738
Yxy	58.4013, 0.3696, 0.4033
Android (android.graphics.Color)	4292266635 (0xFFD6CA8B)
YUV	198.4060, -29.2872, 13.6759
Hunter-Lab	76.4207, -8.7448, 27.9863

Details

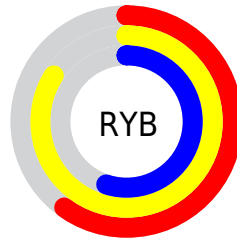
The XYZ color **53.5123, 58.4013, 32.8783** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8515, 32.4763, 68.1028**, and the grayscale version is **54.0860, 56.9026, 61.9670**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **26.4519, 29.1535, 13.4655** is the 20% darker color. If you saturate the color by 10%, you get **51.3056, 56.2499, 25.1691**, and if you desaturate by 10%, it is **56.0459, 60.7161, 42.2079**.

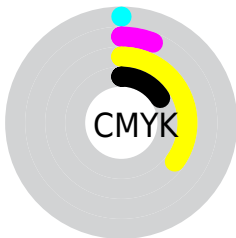
Distribution



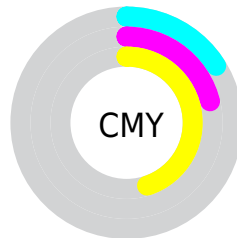
- Red (84%)
- Green (79%)
- Blue (55%)



- Red (60%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5123, 58.4013, 32.8783 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 53.5123, 58.4013, 32.8783 by changing the saturation by 10% instead.

■ 53.5123, 58.4013,
32.8783

■ 53.5123, 58.4013,
32.8783

390.4763,
418.6796, 329.7162

■ 38.4410, 42.1314,
21.7629

■ 94.5189, 102.5070,
65.2993

■ 26.5039, 29.2042,
13.4861

■ 121.1849,
131.1116, 87.4420

■ 17.3357, 19.2353,
7.6295

■ 152.4465,
164.5965, 114.0974

■ 10.5709, 11.8404,
3.7744

188.6691,
203.3461, 145.6843

■ 5.8442, 6.6351,
1.5024

230.2180,
247.7448, 182.6210

■ 2.7903, 3.2350,
0.2197

277.4586,

■ 1.0439, 1.2556,

298.1770, 225.3263

0.0000

330.7563,
355.0272, 274.2184

■ 0.0000, 0.1064,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5123, 58.4013,
32.8783

■ 53.5123, 58.4013,
32.8783

■ 51.3056, 56.2499,
25.1691

■ 56.0459, 60.7161,
42.2079

■ 49.4033, 54.2466,
18.9820


■ 58.9185, 63.1930,
53.2410


■ 47.7870, 52.3858,
14.2140


■ 62.1470, 65.8412,
66.0594


■ 46.4342, 50.6583,
10.7475


■ 65.7459, 68.6666,
80.7387


 45.3189, 49.0536,
8.4464

 69.7288, 71.6748,
97.3500


 44.4094, 47.5588,
7.1438

 72.0467, 74.0464,
105.1029

 44.0074, 46.8478,
6.7231

 72.9679, 75.8889,
105.4099

 73.9077, 77.7685,
105.7232

 74.8662, 79.6855,
106.0427

Harmonies

Analogous

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



60.4735, 58.4013, 34.2835



53.5123, 58.4013, 32.8783



47.5939, 58.4013, 38.2619

Triad

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



53.5123, 58.4013, 32.8783



45.7659, 58.4013, 90.5313



68.8511, 58.4013, 78.4286

Complementary

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



53.5123, 58.4013, 32.8783



33.8515, 32.4763, 68.1028

Split Complementary

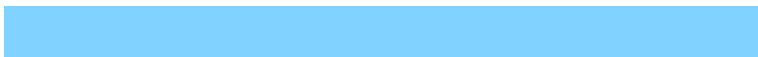
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2556, 58.4013, 98.1738



53.5123, 58.4013, 32.8783



50.8233, 58.4013, 106.1094

Square

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



53.5123, 58.4013, 32.8783



43.3717, 58.4013, 69.5539



57.5541, 58.4013, 109.1643



69.7217, 58.4013, 57.9754

Rectangle

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



53.5123, 58.4013, 32.8783



44.8968, 58.4013, 45.7971



57.5541, 58.4013, 109.1643



67.6734, 58.4013, 85.4788

Sweetspot

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



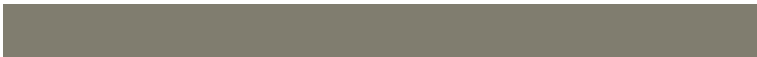
53.5138, 58.4040, 32.8795



89.4438, 95.4944, 86.3549



42.5913, 35.0127, 34.0056



19.0067, 20.3256, 17.9388



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.



53.5138, 58.4040, 32.8795



77.1145, 84.4692, 40.2153



49.6934, 60.7762, 33.5388



13.2959, 14.1659, 13.1942



26.6635, 28.4443, 4.0850



1.6546, 1.8083, 0.2618

Inverse Universe

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



33.8515, 32.4763, 68.1028



43.7050, 40.4272, 100.1075



36.6807, 31.2136, 67.7099



11.9014, 12.3263, 15.6895



7.7358, 3.7334, 38.7660



0.5177, 0.3275, 2.3552

Previews

White Background



This preview shows how the XYZ color 53.5123, 58.4013, 32.8783 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 53.5123, 58.4013, 32.8783 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 53.5123, 58.4013, 32.8783

Background



This preview shows how black text looks on a background with the XYZ color 53.5123, 58.4013, 32.8783.



This preview shows how white text looks on a background with the XYZ color 53.5123, 58.4013,

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

53.5123, 58.4013, 32.8783

Protanopia

54.1621, 58.3891, 32.8417

Deuteranopia

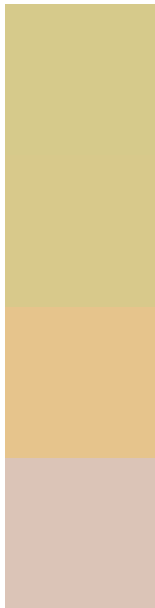
59.2540, 57.9731, 33.2662



Tritanopia

60.5793, 58.2236, 67.7199

Trichromacy



Original Color

53.5123, 58.4013, 32.8783

Protanomaly

53.8657, 58.2363, 32.8278

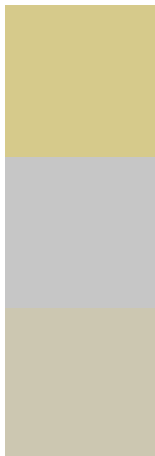
Deuteranomaly

57.1067, 58.1963, 33.0341

Tritanomaly

57.5006, 57.9588, 52.9563

Monochromacy



Original Color

53.5123, 58.4013, 32.8783

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2611, 56.8585, 49.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5123, 58.4013, 32.8783 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(214, 202, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 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(214, 202, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 139) }
```

Border

The CSS property to change the border of an element to XYZ 53.5123, 58.4013, 32.8783 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(214, 202, 139) }
```


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

```
.border{ border-color:rgb(214, 202, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 202, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5123, 58.4013, 32.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 139) }
```

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

```
.background{ background-color: rgb(214,  
202, 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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