

Converting Colors

XYZ(53.2934, 58.5752, 35.9216)

Have a look what the booklet for
XYZ(53.2934, 58.5752, 35.9216)
contains.

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Color

**XYZ(53.2007, 58.5201,
36.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CB93
RGB	210, 203, 147
RGB Percent	82%, 80%, 58%
CMY	0.1765, 0.2039, 0.4235
CMYK	0.00, 0.03, 0.30, 0.18
HSL	53°, 41%, 70%
HSV	53°, 30%, 82%
XYZ	53.2007, 58.5201, 36.0953
YIQ	198.7090, 22.1480, -15.9320

Conversions

Conversions Part 2

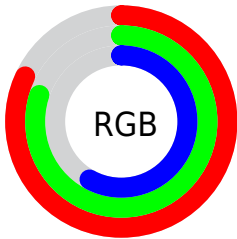
Format	Color
R_{YB}	155, 210, 147
Decimal	13814675
CIE _{Lab}	81.03, -6.16, 28.87
CIE _{LCh}	81, 29.519, 102.041
Yxy	58.5201, 0.3599, 0.3959
Android (android.graphics.Color)	4292004755 (0xFFD2CB93)
YUV	198.7090, -25.4925, 9.9022
Hunter-Lab	76.4984, -9.7347, 25.5733

Details

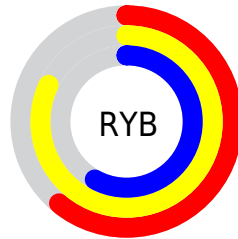
The XYZ color **53.2007, 58.5201, 36.0953** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2208, 33.9664, 65.6726**, and the grayscale version is **54.2508, 57.0761, 62.1559**.

A 20% lighter version of the original color is **87.5426, 96.9970, 69.3667**, and **26.3763, 29.3080, 15.3332** is the 20% darker color. If you saturate the color by 10%, you get **51.1551, 56.8295, 28.0123**, and if you desaturate by 10%, it is **55.5584, 60.3529, 45.7678**.

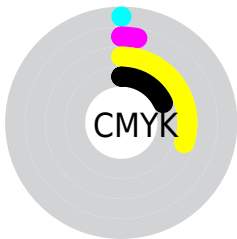
Distribution



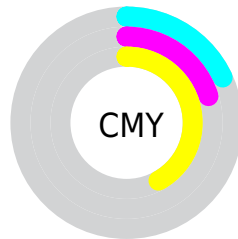
- Red (82%)
- Green (80%)
- Blue (58%)



- Red (61%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (3%)
- Yellow (30%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2007, 58.5201, 36.0953 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 53.2007, 58.5201, 36.0953 by changing the saturation by 10% instead.

■ 53.2007, 58.5201,
36.0953

■ 53.2007, 58.5201,
36.0953

389.3029,
419.1212, 344.4269

■ 38.1911, 42.2269,
24.2175

■ 94.0634, 102.6799,
70.3498

■ 26.3090, 29.2790,
15.2814

■ 120.6473,
131.3152, 93.5637

■ 17.1888, 19.2920,
8.8683

151.8200,
164.8334, 121.3933

■ 10.4653, 11.8815,
4.5597

187.9468,
203.6189, 154.2572

■ 5.7732, 6.6630,
1.9372

229.3932,
248.0560, 192.5740

■ 2.7470, 3.2523,
0.5162

276.5244,

■ 1.0214, 1.2648,

298.5292, 236.7622

0.0000

329.7059,
355.4228, 287.2403

■ 0.0000, 0.1137,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2007, 58.5201,
36.0953

■ 53.2007, 58.5201,
36.0953

■ 51.1551, 56.8295,
28.0123

■ 55.5584, 60.3529,
45.7678

■ 49.4007, 55.2664,
21.4289

■ 58.2390, 62.3262,
57.1059

■ 47.9210, 53.8265,
16.2517

■ 61.2581, 64.4482,
70.1851

■ 46.6961, 52.5015,
12.3756

■ 64.6289, 66.7243,
85.0755

■ 45.7030, 51.2822,
9.6803

■ 68.3641, 69.1597,
101.8431

■ 44.9148, 50.1579,
8.0237

■ 69.4399, 70.5448,
104.5644

■ 44.2818, 49.1085,
7.1451

■ 70.0451, 71.7552,
104.7661

■ 44.2817, 49.1084,
7.1450

■ 70.6589, 72.9828,
104.9707

■ 71.2812, 74.2274,
105.1781

Harmonies

Analogous

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



59.3328, 58.5201, 36.7160



53.2007, 58.5201, 36.0953



48.1014, 58.5201, 41.8071

Triad

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



53.2007, 58.5201, 36.0953



47.3251, 58.5201, 89.0807



67.5946, 58.5201, 74.6953

Complementary

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



53.2007, 58.5201, 36.0953



35.2208, 33.9664, 65.6726

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.



63.8873, 58.5201, 92.1956



53.2007, 58.5201, 36.0953



52.0685, 58.5201, 101.4932

Square

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



53.2007, 58.5201, 36.0953



44.8797, 58.5201, 71.0170



58.1148, 58.5201, 102.7276



67.9537, 58.5201, 56.9379

Rectangle

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



53.2007, 58.5201, 36.0953



45.8536, 58.5201, 49.1762



58.1148, 58.5201, 102.7276



66.6867, 58.5201, 80.8774

Sweetspot

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



53.2022, 58.5227, 36.0965



90.7651, 96.9940, 90.3191



42.8744, 36.9145, 35.5911



19.2881, 20.6606, 18.7347



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.



53.2022, 58.5227, 36.0965



80.4630, 89.1000, 47.7015



48.5267, 58.6203, 36.3618



12.6867, 13.5640, 12.5615



27.0573, 30.0475, 4.3737



1.5456, 1.7455, 0.2555

Inverse Universe

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



35.2208, 33.9664, 65.6726



48.2142, 45.0655, 100.7651



38.8944, 34.1961, 65.5233



11.2679, 11.6260, 14.8938



7.3235, 3.2935, 37.4422



0.4459, 0.2570, 2.1057

Previews

White Background



This preview shows how the XYZ color 53.2007, 58.5201, 36.0953 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 53.2007, 58.5201, 36.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

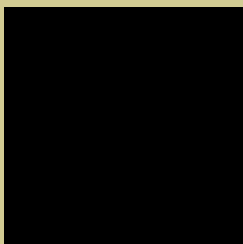
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

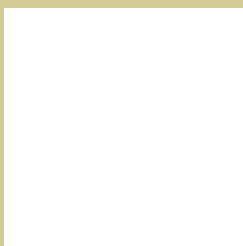
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2007, 58.5201, 36.0953

Background



This preview shows how black text looks on a background with the XYZ color 53.2007, 58.5201, 36.0953.



This preview shows how white text looks on a background with the XYZ color 53.2007, 58.5201,

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

53.2007, 58.5201, 36.0953

Protanopia

54.3939, 58.4475, 35.6088

Deuteranopia

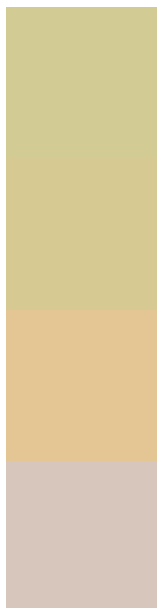
59.7547, 58.4870, 36.5735



Tritanopia

60.0614, 58.5888, 69.1160

Trichromacy



Original Color

53.2007, 58.5201, 36.0953

Protanomaly

54.0404, 58.6125, 35.6592

Deuteranomaly

57.3065, 58.5646, 36.3007

Tritanomaly

57.1881, 58.4231, 55.2764

Monochromacy



Original Color

53.2007, 58.5201, 36.0953

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5211, 57.3004, 51.4192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2007, 58.5201, 36.0953 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(210, 203, 147) looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 147)  
}
```

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(210, 203, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 147) }
```

Border

The CSS property to change the border of an element to XYZ 53.2007, 58.5201, 36.0953 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(210, 203, 147) }
```


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

```
.border{ border-color:rgb(210, 203, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2007, 58.5201, 36.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 147) }
```

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

```
.background{ background-color: rgb(210,  
203, 147) }
```

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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