

Converting Colors

XYZ(50.9836, 53.4774, 34.4140)

Have a look what the booklet for
XYZ(50.9836, 53.4774, 34.4140)
contains.

XYZ(50.8930, 53.3030, 34.3942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.8930, 53.3030,
34.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BF91
RGB	212, 191, 145
RGB Percent	83%, 75%, 57%
CMY	0.1686, 0.2510, 0.4314
CMYK	0.00, 0.10, 0.32, 0.17
HSL	41°, 44%, 70%
HSV	41°, 32%, 83%
XYZ	50.8930, 53.3030, 34.3942
YIQ	192.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

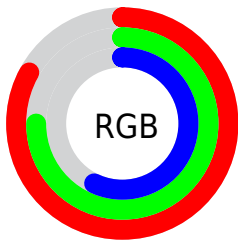
Format	Color
RYB	176, 212, 145
Decimal	13942673
CIELab	78.05, 0.61, 25.95
CIELCh	78, 25.960, 88.647
Yxy	53.3030, 0.3672, 0.3846
Android (android.graphics.Color)	4292132753 (0xFFD4BF91)
YUV	192.0350, -23.1883, 17.5093
Hunter-Lab	73.0089, -3.3369, 23.1750

Details

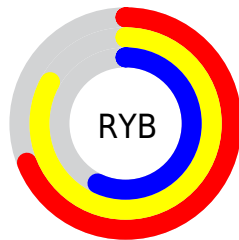
The XYZ color **50.8930, 53.3030, 34.3942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1966, 38.0445, 67.6703**, and the grayscale version is **50.2445, 52.8611, 57.5658**.

A 20% lighter version of the original color is **84.8096, 91.9050, 67.3023**, and **24.8192, 26.0530, 14.3103** is the 20% darker color. If you saturate the color by 10%, you get **47.9928, 49.8790, 26.1012**, and if you desaturate by 10%, it is **54.1667, 56.9854, 44.3179**.

Distribution



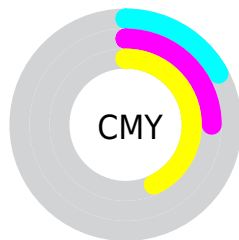
- Red (83%)
- Green (75%)
- Blue (57%)



- Red (69%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8930, 53.3030, 34.3942 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 50.8930, 53.3030, 34.3942 by changing the saturation by 10% instead.


 50.8930, 53.3030,
34.3942


 50.8930, 53.3030,
34.3942


380.5424,
399.4465, 336.7089

 36.3442, 38.0447,
22.9168


 90.6805, 95.0501,
67.6871

 24.8715, 26.0174,
14.3274


 116.6499,
122.3077, 90.3397

 16.1095, 16.8367,
8.2074


147.1569,
154.3338, 117.5544

 9.6930, 10.1181,
4.1382

182.5667,
191.5129, 149.7498

 5.2566, 5.4773,
1.7015

223.2449,
234.2293, 187.3444

 2.4349, 2.5300,
0.3618

269.5566,

 0.8625, 0.8916,

282.8674, 230.7567

0.0000

321.8674,
337.8117, 280.4054

■ 0.0000, 0.0000,
0.0000

■ 50.8930, 53.3030,
34.3942

■ 50.8930, 53.3030,
34.3942

■ 47.9928, 49.8790,
26.1012

■ 54.1667, 56.9854,
44.3179

■ 45.4442, 46.6974,
19.3457

■ 57.8264, 60.9268,
55.9518

■ 43.2289, 43.7516,
14.0303


■ 61.8889, 65.1371,
69.3742


■ 41.3254, 41.0315,
10.0448


■ 66.3687, 69.6235,
84.6577


■ 39.7086, 38.5255,
7.2629


■ 71.2795, 74.3927,
101.8706


 38.3491, 36.2204,
5.5338

 73.7395, 78.2933,
105.8334

 37.3638, 34.4218,
4.6748

 75.6329, 82.0801,
106.4645

 77.5976, 86.0095,
107.1194

 79.6344, 90.0831,
107.7983

Harmonies

Analogous

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



55.8974, 53.3030, 37.3406



50.8930, 53.3030, 34.3942



46.1387, 53.3030, 36.8524

Triad

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



50.8930, 53.3030, 34.3942



42.5928, 53.3030, 72.4526



59.4371, 53.3030, 73.7820

Complementary

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



50.8930, 53.3030, 34.3942



37.1966, 38.0445, 67.6703

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.



55.4735, 53.3030, 86.0965



50.8930, 53.3030, 34.3942



45.7659, 53.3030, 85.2435

Square

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



50.8930, 53.3030, 34.3942



41.5427, 53.3030, 57.3824



50.4335, 53.3030, 90.6009



61.0289, 53.3030, 58.6984

Rectangle

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



50.8930, 53.3030, 34.3942



43.7027, 53.3030, 41.5014



50.4335, 53.3030, 90.6009



58.3255, 53.3030, 78.4699

Sweetspot

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



50.8944, 53.3054, 34.3953



89.3211, 94.1061, 89.8377



44.1800, 37.0096, 40.9963



18.9305, 19.9455, 18.6155



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.



50.8944, 53.3054, 34.3953



74.2469, 77.3856, 43.4166



52.3984, 61.3718, 35.8730



13.1293, 13.8329, 13.1387



23.1597, 21.4366, 2.9170



1.4694, 1.4379, 0.2001

Inverse Universe

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



37.1966, 38.0445, 67.6703



50.2529, 50.6645, 101.7384



35.9696, 32.2016, 66.6071



12.0570, 12.6374, 15.7413



8.6341, 5.5300, 39.0655



0.5940, 0.4800, 2.3807

Previews

White Background



This preview shows how the XYZ color 50.8930, 53.3030, 34.3942 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 50.8930, 53.3030, 34.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

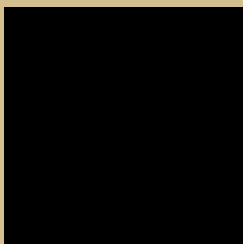
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

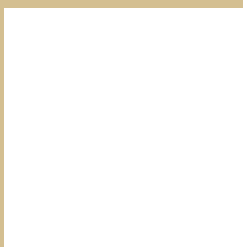
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8930, 53.3030, 34.3942

Background



This preview shows how black text looks on a background with the XYZ color 50.8930, 53.3030, 34.3942.



This preview shows how white text looks on a background with the XYZ color 50.8930, 53.3030,

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

50.8930, 53.3030, 34.3942

Protanopia

49.9904, 53.4806, 34.8821

Deuteranopia

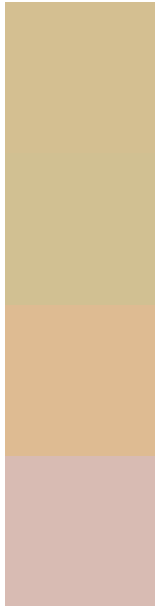
54.2158, 53.1041, 34.5868



Tritanopia

56.2470, 53.2636, 60.7425

Trichromacy



Original Color

50.8930, 53.3030, 34.3942

Protanomaly

50.3324, 53.3299, 34.8350

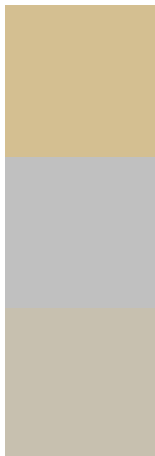
Deuteranomaly

53.0828, 53.1456, 34.6545

Tritanomaly

54.2259, 53.3943, 50.0959

Monochromacy



Original Color

50.8930, 53.3030, 34.3942

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1407, 52.9365, 48.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8930, 53.3030, 34.3942 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(212, 191, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 145)  
}
```

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(212, 191, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 145) }
```

Border

The CSS property to change the border of an element to XYZ 50.8930, 53.3030, 34.3942 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(212, 191, 145) }
```


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

```
.border{ border-color:rgb(212, 191, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8930, 53.3030, 34.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 145) }
```

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

```
.background{ background-color: rgb(212,  
191, 145) }
```

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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