

Converting Colors

XYZ(53.4722, 50.7323, 41.6258)

Have a look what the booklet for
XYZ(53.4722, 50.7323, 41.6258)
contains.

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Color

**XYZ(53.4714, 50.7318,
41.6243)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B3A3
RGB	224, 179, 163
RGB Percent	88%, 70%, 64%
CMY	0.1216, 0.2980, 0.3608
CMYK	0.00, 0.20, 0.27, 0.12
HSL	16°, 50%, 76%
HSV	16°, 27%, 88%
XYZ	53.4714, 50.7318, 41.6243
YIQ	190.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

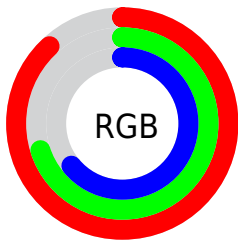
Format	Color
RYB	224, 185, 163
Decimal	14726051
CIELab	76.52, 13.98, 14.36
CIELCh	77, 20.042, 45.758
Yxy	50.7318, 0.3667, 0.3479
Android (android.graphics.Color)	4292916131 (0xFFE0B3A3)
YUV	190.6310, -13.6221, 29.2646
Hunter-Lab	71.2263, 9.3586, 15.2096

Details

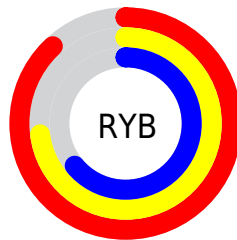
The XYZ color **53.4714, 50.7318, 41.6243** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1141, 58.2784, 79.0761**, and the grayscale version is **49.3721, 51.9433, 56.5662**.

A 20% lighter version of the original color is **83.6032, 85.7386, 78.4725**, and **26.4785, 24.3942, 18.3519** is the 20% darker color. If you saturate the color by 10%, you get **48.5242, 43.7696, 30.9349**, and if you desaturate by 10%, it is **59.1737, 58.6346, 54.3203**.

Distribution



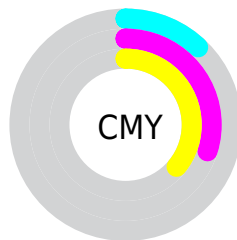
- Red (88%)
- Green (70%)
- Blue (64%)



- Red (88%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (27%)
- Black (12%)



- Cyan (12%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4714, 50.7318, 41.6243 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 53.4714, 50.7318, 41.6243 by changing the saturation by 10% instead.


 53.4714, 50.7318,
41.6243


 53.4714, 50.7318,
41.6243


390.3224,
389.5209, 368.6768

 38.4082, 35.9952,
28.4839


 94.4591, 91.2582,
78.8946

 26.4783, 24.4305,
18.4485


 121.1144,
117.8168, 103.8616

 17.3164, 15.6533,
11.0997


152.3643,
149.0849, 133.6078

 10.5570, 9.2791,
6.0189

188.5743,
185.4468, 168.5519

 5.8349, 4.9237,
2.7876

230.1098,
227.2869, 209.1122

 2.7846, 2.2026,
0.9872

277.3361,

 1.0409, 0.7214,

274.9898, 255.7075

0.0000

330.6185,
328.9396, 308.7561

■ 0.0000, 0.0000,
0.0000

■ 53.4714, 50.7318,
41.6243

■ 53.4714, 50.7318,
41.6243

■ 48.5242, 43.7696,
30.9349

■ 59.1737, 58.6346,
54.3203

■ 44.2952, 37.7054,
22.1456

■ 65.6577, 67.5044,
69.1156

■ 40.7506, 32.5040,
15.1445

■ 72.9535, 77.3753,
86.1012

■ 37.8520, 28.1247,
9.8069

■ 81.0886, 88.2776,
105.3615

■ 35.5567, 24.5236,
5.9916

■ 84.5506, 94.5873,
108.4086

■ 33.8164, 21.6520,
3.5336

■ 32.5712, 19.4542,
2.2164

■ 32.2927, 18.9517,
1.9560

Harmonies

Analogous

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



55.5600, 50.7318, 49.7746



53.4714, 50.7318, 41.6243



50.0299, 50.7318, 37.4149

Triad

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



53.4714, 50.7318, 41.6243



41.5100, 50.7318, 50.2725



50.2205, 50.7318, 77.7981

Complementary

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



53.4714, 50.7318, 41.6243



51.1141, 58.2784, 79.0761

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.



46.4524, 50.7318, 77.9773



53.4714, 50.7318, 41.6243



41.5550, 50.7318, 61.0879

Square

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



53.4714, 50.7318, 41.6243



43.1960, 50.7318, 41.9476



43.3224, 50.7318, 71.5376



53.6172, 50.7318, 71.0760

Rectangle

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



53.4714, 50.7318, 41.6243



47.4934, 50.7318, 37.0038



43.3224, 50.7318, 71.5376



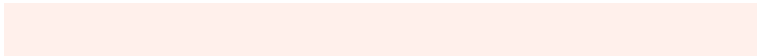
48.9521, 50.7318, 78.6524

Sweetspot

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



53.4727, 50.7341, 41.6253



87.3237, 89.5272, 90.9726



55.3157, 46.6333, 66.2455



18.3968, 18.7619, 18.7961



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.



53.4727, 50.7341, 41.6253



67.6305, 62.3028, 46.9143



60.0908, 63.9703, 43.8314



13.9982, 14.2824, 14.3258



18.8766, 11.1911, 1.1652



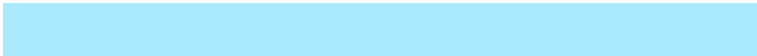
1.3805, 0.9199, 0.1048

Inverse Universe

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



51.1141, 58.2784, 79.0761



63.9287, 74.0946, 105.5400



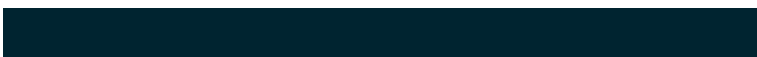
44.5295, 45.1093, 76.8812



13.7964, 14.9319, 17.5427



15.7858, 19.0411, 43.8917



1.1658, 1.4631, 3.0662

Previews

White Background



This preview shows how the XYZ color 53.4714, 50.7318, 41.6243 looks on a white background.

Color Contrast Check

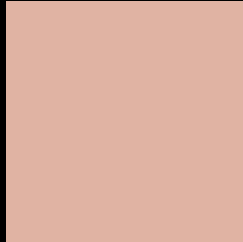
Large Text (above 18pt) WCAG AA × Fail

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 53.4714, 50.7318, 41.6243 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 53.4714, 50.7318, 41.6243

Background



This preview shows how black text looks on a background with the XYZ color 53.4714, 50.7318, 41.6243.



This preview shows how white text looks on a background with the XYZ color 53.4714, 50.7318,

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

53.4714, 50.7318, 41.6243

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

51.8648, 50.8162, 41.2574



Tritanopia

56.1938, 50.6650, 54.9617

Trichromacy



Original Color

53.4714, 50.7318, 41.6243

Protanomaly

49.9640, 50.7165, 43.2323

Deuteranomaly

52.5607, 50.8720, 41.2315

Tritanomaly

55.1276, 50.5147, 50.0248

Monochromacy



Original Color

53.4714, 50.7318, 41.6243

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7394, 51.5734, 50.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4714, 50.7318, 41.6243 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(224, 179, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 179, 163)  
}
```

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(224, 179, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 179, 163) }
```

Border

The CSS property to change the border of an element to XYZ 53.4714, 50.7318, 41.6243 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(224, 179, 163) }
```


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

```
.border{ border-color:rgb(224, 179, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 179, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 179, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 179, 163);  
box-shadow:4px 4px 4px 4px rgb(224, 179,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4714, 50.7318, 41.6243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 179, 163) }
```

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

```
.background{ background-color: rgb(224,  
179, 163) }
```

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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