

Converting Colors

XYZ(53.8461, 49.6137, 34.7387)

Have a look what the booklet for
XYZ(53.8461, 49.6137, 34.7387)
contains.

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Color

**XYZ(53.7601, 49.5660,
34.7507)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AE94
RGB	232, 174, 148
RGB Percent	91%, 68%, 58%
CMY	0.0902, 0.3176, 0.4196
CMYK	0.00, 0.25, 0.36, 0.09
HSL	19°, 65%, 75%
HSV	19°, 36%, 91%
XYZ	53.7601, 49.5660, 34.7507
YIQ	188.3780, 42.9140, 4.2100

Conversions

Conversions Part 2

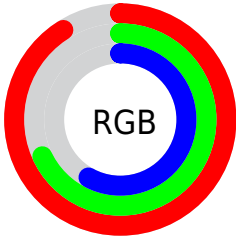
Format	Color
R _Y B	232, 186, 148
Decimal	15249044
CIE Lab	75.80, 17.80, 21.60
CIE LCh	76, 27.992, 50.507
Yxy	49.5660, 0.3893, 0.3590
Android (android.graphics.Color)	4293439124 (0xFFE8AE94)
YUV	188.3780, -19.9064, 38.2565
Hunter-Lab	70.4031, 13.0978, 20.0169

Details

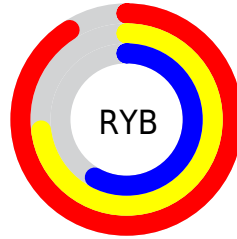
The XYZ color **53.7601, 49.5660, 34.7507** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8489, 56.2629, 84.6293**, and the grayscale version is **48.1086, 50.6140, 55.1187**.

A 20% lighter version of the original color is **80.1975, 82.1179, 67.5006**, and **26.6742, 23.6518, 14.4686** is the 20% darker color. If you saturate the color by 10%, you get **49.1926, 43.0811, 25.0583**, and if you desaturate by 10%, it is **59.0673, 56.9409, 46.5064**.

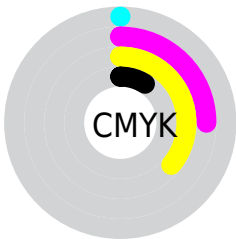
Distribution



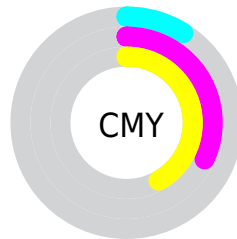
- Red (91%)
- Green (68%)
- Blue (58%)



- Red (91%)
- Yellow (73%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7601, 49.5660, 34.7507 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 53.7601, 49.5660, 34.7507 by changing the saturation by 10% instead.


 53.7601, 49.5660,
34.7507


 53.7601, 49.5660,
34.7507


391.4078,
384.9663, 338.3373

 38.6398, 35.0687,
23.1889


 94.8809, 89.5315,
68.2466

 26.6591, 23.7158,
14.5264


 121.6121,
115.7685, 91.0177

 17.4526, 15.1229,
8.3448


152.9443,
146.6875, 118.3624

 10.6550, 8.9057,
4.2254

189.2428,
182.6729, 150.6991

 5.9009, 4.6797,
1.7498

230.8731,
224.1090, 188.4464

 2.8250, 2.0606,
0.3945

278.2005,

 1.0619, 0.6423,

271.3804, 232.0228

0.0000

331.5903,
324.8714, 281.8470

■ 0.0000, 0.0000,
0.0000

■ 53.7601, 49.5660,
34.7507

■ 53.7601, 49.5660,
34.7507

■ 49.1926, 43.0811,
25.0583

■ 59.0673, 56.9409,
46.5064

■ 45.3259, 37.4444,
17.3055

■ 65.1428, 65.2315,
60.4332

■ 42.1232, 32.6212,
11.3598

■ 72.0186, 74.4709,
76.6351

■ 39.5421, 28.5714,
7.0705

■ 79.7233, 84.6887,
95.2084

■ 37.5348, 25.2508,
4.2622

■ 86.8006, 95.3195,
108.4314

■ 36.0442, 22.6096,
2.7171

■ 87.0888, 95.8958,
108.5274

■ 35.5847, 21.7677,
2.3261

Harmonies

Analogous

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



57.1098, 49.5660, 44.5467



53.7601, 49.5660, 34.7507



48.7794, 49.5660, 30.3670

Triad

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



53.7601, 49.5660, 34.7507



37.9218, 49.5660, 49.3826



50.7010, 49.5660, 85.4764

Complementary

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



53.7601, 49.5660, 34.7507



48.8489, 56.2629, 84.6293

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.



45.4811, 49.5660, 87.4235



53.7601, 49.5660, 34.7507



38.3532, 49.5660, 64.6342

Square

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



53.7601, 49.5660, 34.7507



39.8090, 49.5660, 37.7296



41.0341, 49.5660, 79.2187



55.2554, 49.5660, 74.3050

Rectangle

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



53.7601, 49.5660, 34.7507



45.3113, 49.5660, 30.4269



41.0341, 49.5660, 79.2187



48.9578, 49.5660, 87.3023

Sweetspot

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



53.7614, 49.5684, 34.7517



84.9883, 86.5835, 84.8698



55.1070, 42.8314, 64.2666



17.9441, 18.2003, 17.5845



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.



53.7614, 49.5684, 34.7517



62.5573, 55.6739, 34.3788



62.9757, 67.9971, 37.8231



14.7391, 15.0922, 15.0407



19.8536, 12.2814, 1.3241



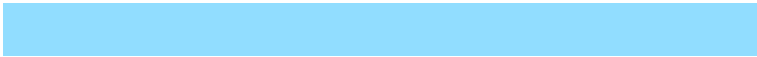
1.5474, 1.0682, 0.1246

Inverse Universe

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



48.8489, 56.2629, 84.6293



55.6597, 65.0133, 104.2230



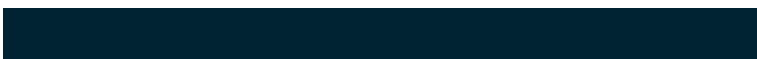
40.1978, 38.9609, 81.7457



14.4113, 15.5440, 18.3851



15.1990, 17.4600, 44.9522



1.2048, 1.4536, 3.3490

Previews

White Background



This preview shows how the XYZ color 53.7601, 49.5660, 34.7507 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 53.7601, 49.5660, 34.7507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

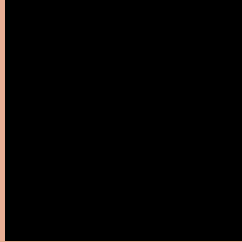
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7601, 49.5660, 34.7507

Background



This preview shows how black text looks on a background with the XYZ color 53.7601, 49.5660, 34.7507.



This preview shows how white text looks on a background with the XYZ color 53.7601, 49.5660,

34.7507.

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

53.7601, 49.5660, 34.7507

Protanopia

46.8918, 49.8795, 37.7281

Deuteranopia

50.8011, 49.8092, 34.5404



Tritanopia

56.8924, 49.4155, 50.7956

Trichromacy



Original Color

53.7601, 49.5660, 34.7507

Protanomaly

48.9738, 49.4245, 36.6645

Deuteranomaly

51.9273, 49.7947, 34.4782

Tritanomaly

55.7503, 49.5205, 44.6503

Monochromacy



Original Color

53.7601, 49.5660, 34.7507

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3782, 49.7215, 46.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7601, 49.5660, 34.7507 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(232, 174, 148)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 148)  
}
```

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(232, 174, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.7601, 49.5660, 34.7507 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(232, 174, 148) }
```


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

```
.border{ border-color:rgb(232, 174, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 148);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7601, 49.5660, 34.7507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 148) }
```

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

```
.background{ background-color: rgb(232,  
174, 148) }
```

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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