

Converting Colors

XYZ(54.0657, 51.2102, 36.3778)

Have a look what the booklet for
XYZ(54.0657, 51.2102, 36.3778)
contains.

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Color

**XYZ(54.0191, 51.1326,
36.3006)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B397
RGB	229, 179, 151
RGB Percent	90%, 70%, 59%
CMY	0.1020, 0.2980, 0.4078
CMYK	0.00, 0.22, 0.34, 0.10
HSL	22°, 60%, 75%
HSV	22°, 34%, 90%
XYZ	54.0191, 51.1326, 36.3006
YIQ	190.7580, 38.7880, 1.8920

Conversions

Conversions Part 2

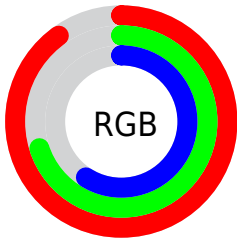
Format	Color
R _Y B	229, 195, 151
Decimal	15053719
CIE Lab	76.76, 14.34, 21.25
CIE LCh	77, 25.636, 55.987
Yxy	51.1326, 0.3819, 0.3615
Android (android.graphics.Color)	4293243799 (0xFFE5B397)
YUV	190.7580, -19.6007, 33.5382
Hunter-Lab	71.5071, 9.7082, 19.9563

Details

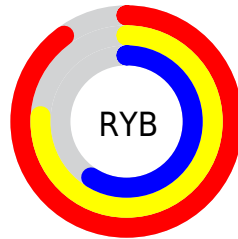
The XYZ color **54.0191, 51.1326, 36.3006** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7912, 54.0078, 82.0344**, and the grayscale version is **49.4764, 52.0530, 56.6857**.

A 20% lighter version of the original color is **81.9678, 85.0844, 69.8604**, and **26.7744, 24.6125, 15.3961** is the 20% darker color. If you saturate the color by 10%, you get **49.5503, 44.8876, 26.5097**, and if you desaturate by 10%, it is **59.1650, 58.1532, 48.1004**.

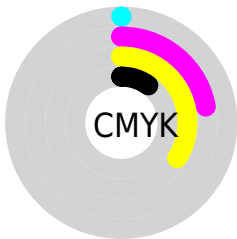
Distribution



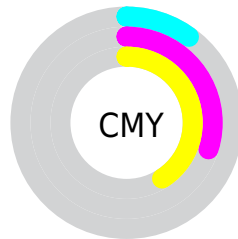
- Red (90%)
- Green (70%)
- Blue (59%)



- Red (90%)
- Yellow (76%)
- Blue (59%)



- Cyan (0%)
- Magenta (22%)
- Yellow (34%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0191, 51.1326, 36.3006 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 54.0191, 51.1326, 36.3006 by changing the saturation by 10% instead.


 54.0191, 51.1326,
36.3006


 54.0191, 51.1326,
36.3006


392.3800,
391.0787, 345.3496

 38.8477, 36.3141,
24.3749

 95.2590, 91.8507,
70.6700

 26.8214, 24.6769,
15.3972

 122.0582,
118.5192, 93.9509

 17.5750, 15.8365,
8.9489


153.4640,
149.9065, 121.8538

 10.7432, 9.4085,
4.6115

189.8418,
186.3970, 154.7975

 5.9604, 5.0086,
1.9665

231.5570,
228.3751, 193.2003

 2.8615, 2.2523,
0.5345

278.9748,

 1.0809, 0.7483,

276.2251, 237.4809

0.0000

332.4607,
330.3315, 288.0578

■ 0.0091, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0191, 51.1326,
36.3006

■ 54.0191, 51.1326,
36.3006

■ 49.5503, 44.8876,
26.5097

■ 59.1650, 58.1532,
48.1004

■ 45.7238, 39.3832,
18.6108

■ 65.0126, 65.9686,
62.0108

■ 42.5076, 34.5919,
12.4794

■ 71.5902, 74.6062,
78.1303

■ 39.8648, 30.4817,
7.9749

■ 78.9231, 84.0900,
96.5501

■ 37.7538, 27.0175,
4.9346

■ 85.2980, 93.7478,
108.2072

■ 36.1255, 24.1602,
3.1608

■ 86.1231, 95.3980,
108.4822

■ 35.3470, 22.7258,
2.5235

Harmonies

Analogous

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



57.4968, 51.1326, 44.7485



54.0191, 51.1326, 36.3006



49.2572, 51.1326, 33.0104

Triad

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



54.0191, 51.1326, 36.3006



39.8584, 51.1326, 53.8218



52.8122, 51.1326, 83.3748

Complementary

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



54.0191, 51.1326, 36.3006



47.7912, 54.0078, 82.0344

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.



47.9487, 51.1326, 86.8799



54.0191, 51.1326, 36.3006



40.6719, 51.1326, 68.2487

Square

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



54.0191, 51.1326, 36.3006



41.2557, 51.1326, 42.0011



43.5560, 51.1326, 80.9461



56.7680, 51.1326, 72.0340

Rectangle

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



54.0191, 51.1326, 36.3006



46.0706, 51.1326, 33.6996



43.5560, 51.1326, 80.9461



51.2204, 51.1326, 85.5817

Sweetspot

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



54.0204, 51.1350, 36.3016



86.2185, 88.4766, 87.0288



54.0052, 43.0418, 61.1529



18.2052, 18.6096, 18.0202



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.



54.0204, 51.1350, 36.3016



64.7619, 59.4376, 37.1038



62.7894, 68.6731, 39.2246



14.7984, 15.2107, 15.0604



20.3134, 13.2010, 1.4774



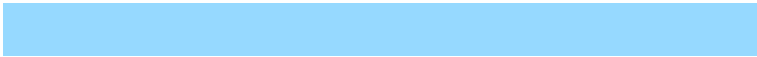
1.5866, 1.1466, 0.1377

Inverse Universe

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



47.7912, 54.0078, 82.0344



55.6429, 63.6113, 103.9533



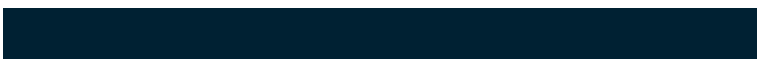
39.9498, 38.3250, 79.4206



14.3494, 15.4202, 18.3644



14.1500, 15.3622, 44.6026



1.1328, 1.3095, 3.3250

Previews

White Background



This preview shows how the XYZ color 54.0191, 51.1326, 36.3006 looks on a white background.

Color Contrast Check

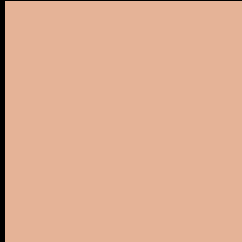
Large Text (above 18pt) WCAG AA × Fail

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 54.0191, 51.1326, 36.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

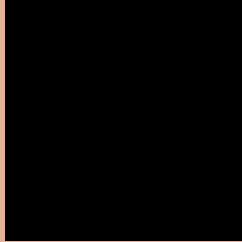
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0191, 51.1326, 36.3006

Background



This preview shows how black text looks on a background with the XYZ color 54.0191, 51.1326, 36.3006.



This preview shows how white text looks on a background with the XYZ color 54.0191, 51.1326,

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

54.0191, 51.1326, 36.3006

Protanopia

48.2857, 51.2130, 38.7927

Deuteranopia

52.0518, 51.0301, 35.9605



Tritanopia

57.7100, 51.1836, 53.8515

Trichromacy



Original Color

54.0191, 51.1326, 36.3006

Protanomaly

50.0457, 50.8799, 37.7550

Deuteranomaly

52.7694, 51.0970, 35.9356

Tritanomaly

56.4440, 51.2625, 46.9641

Monochromacy



Original Color

54.0191, 51.1326, 36.3006

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7836, 51.6544, 48.3680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0191, 51.1326, 36.3006 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(229, 179, 151)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 151)  
}
```

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(229, 179, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 151) }
```

Border

The CSS property to change the border of an element to XYZ 54.0191, 51.1326, 36.3006 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(229, 179, 151) }
```


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

```
.border{ border-color:rgb(229, 179, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 151);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0191, 51.1326, 36.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 151) }
```

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

```
.background{ background-color: rgb(229,  
179, 151) }
```

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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