

Converting Colors

XYZ(53.3950, 50.9955, 28.0216)

Have a look what the booklet for
XYZ(53.3950, 50.9955, 28.0216)
contains.

XYZ(53.4281, 51.0077, 28.1486)	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(53.4281, 51.0077,
28.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B382
RGB	232, 179, 130
RGB Percent	91%, 70%, 51%
CMY	0.0902, 0.2980, 0.4902
CMYK	0.00, 0.23, 0.44, 0.09
HSL	29°, 69%, 71%
HSV	29°, 44%, 91%
XYZ	53.4281, 51.0077, 28.1486
YIQ	189.2610, 47.3170, -4.0030

Conversions

Conversions Part 2

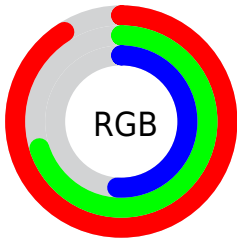
Format	Color
R _Y B	232, 224, 130
Decimal	15250306
CIE Lab	76.68, 13.15, 32.39
CIE LCh	77, 34.959, 67.904
Yxy	51.0077, 0.4030, 0.3847
Android (android.graphics.Color)	4293440386 (0xFFE8B382)
YUV	189.2610, -29.2157, 37.4821
Hunter-Lab	71.4197, 8.5490, 26.6258

Details

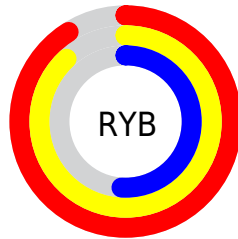
The XYZ color **53.4281, 51.0077, 28.1486** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.7043, 44.4374, 82.7758**, and the grayscale version is **48.6634, 51.1977, 55.7543**.

A 20% lighter version of the original color is **79.4956, 84.0956, 56.8419**, and **26.3644, 24.4996, 10.9288** is the 20% darker color. If you saturate the color by 10%, you get **49.7321, 45.8331, 20.0808**, and if you desaturate by 10%, it is **57.6890, 56.7500, 38.1377**.

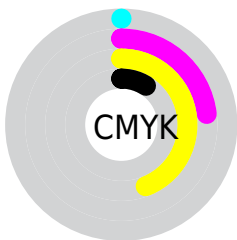
Distribution



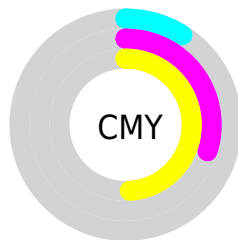
- Red (91%)
- Green (70%)
- Blue (51%)



- Red (91%)
- Yellow (88%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (9%)




- Cyan (9%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4281, 51.0077, 28.1486 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 53.4281, 51.0077, 28.1486 by changing the saturation by 10% instead.


 53.4281, 51.0077,
28.1486


 53.4281, 51.0077,
28.1486


390.1594,
390.5937, 307.1105


 38.3735, 36.2147,
18.1977

 94.3958, 91.6662,
57.7476

 26.4512, 24.6001,
10.9211


 121.0397,
118.3004, 78.2327

 17.2959, 15.7794,
5.9003


 152.2773,
149.6506, 103.0663

 10.5423, 9.3682,
2.7167

188.4740,
186.1011, 132.6669

 5.8250, 4.9821,
0.9518

229.9952,
228.0362, 167.4531

 2.7786, 2.2368,
0.0000

277.2063,

 1.0378, 0.7399,

275.8404, 207.8434

0.0000

330.4726,
329.8981, 254.2564

■ 0.0000, 0.0000,
0.0000

■ 53.4281, 51.0077,
28.1486

■ 53.4281, 51.0077,
28.1486

■ 49.7321, 45.8331,
20.0808

■ 57.6890, 56.7500,
38.1377

■ 46.5678, 41.1986,
13.8037

■ 62.5377, 63.0718,
50.1610

■ 43.9041, 37.0846,
9.1749

■ 68.0006, 69.9934,
64.3259

■ 41.7041, 33.4672,
6.0287

■ 74.1008, 77.5319,
80.7316

■ 39.9236, 30.3187,
4.1634

■ 80.8605, 85.7037,
99.4708

■ 39.0137, 28.6259,
3.4691

■ 85.9286, 93.5755,
108.1407

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



59.2331, 51.0077, 36.0203



53.4281, 51.0077, 28.1486



46.7520, 51.0077, 26.6928

Triad

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



53.4281, 51.0077, 28.1486



36.9358, 51.0077, 60.7037



56.7282, 51.0077, 89.5499

Complementary

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



53.4281, 51.0077, 28.1486



40.7043, 44.4374, 82.7758

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.



50.2527, 51.0077, 100.0315



53.4281, 51.0077, 28.1486



39.1163, 51.0077, 81.0764

Square

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



53.4281, 51.0077, 28.1486



37.6189, 51.0077, 42.9250



43.8497, 51.0077, 96.6208



61.2560, 51.0077, 70.4090

Rectangle

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



53.4281, 51.0077, 28.1486



42.7655, 51.0077, 29.1527



43.8497, 51.0077, 96.6208



54.6850, 51.0077, 94.3803

Sweetspot

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



53.4294, 51.0101, 28.1496



84.9143, 87.5450, 81.4243



49.9554, 36.5990, 49.9994



17.8359, 18.3137, 16.5324



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.



53.4294, 51.0101, 28.1496



61.9244, 57.2191, 25.5022



65.2168, 74.5851, 32.0788



14.9455, 15.5048, 15.1095



21.7836, 16.1414, 1.9675



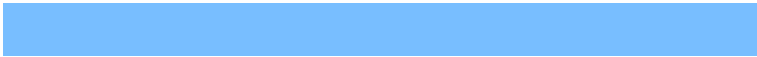
1.7023, 1.3780, 0.1763

Inverse Universe

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



40.7043, 44.4374, 82.7758



44.2032, 48.0588, 101.5543



32.2143, 27.4574, 79.9458



14.1992, 15.1198, 18.3144



11.9779, 11.0178, 43.8785



0.9780, 1.0000, 3.2734

Previews

White Background



This preview shows how the XYZ color 53.4281, 51.0077, 28.1486 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 53.4281, 51.0077, 28.1486 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 53.4281, 51.0077, 28.1486

Background



This preview shows how black text looks on a background with the XYZ color 53.4281, 51.0077, 28.1486.



This preview shows how white text looks on a background with the XYZ color 53.4281, 51.0077,

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

53.4281, 51.0077, 28.1486

Protanopia

47.4025, 50.9538, 29.8909

Deuteranopia

52.2317, 50.9903, 28.2083



Tritanopia

58.4345, 51.0124, 52.6655

Trichromacy



Original Color

53.4281, 51.0077, 28.1486

Protanomaly

49.3142, 50.6875, 29.3748

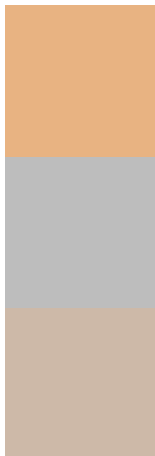
Deuteranomaly

52.6636, 50.9122, 28.1705

Tritanomaly

56.3825, 51.0387, 42.4771

Monochromacy



Original Color

53.4281, 51.0077, 28.1486

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5937, 50.5042, 44.1802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4281, 51.0077, 28.1486 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, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 179, 130)  
}
```

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, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 179, 130) }
```

Border

The CSS property to change the border of an element to XYZ 53.4281, 51.0077, 28.1486 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, 179, 130) }
```


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

```
.border{ border-color:rgb(232, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 179,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4281, 51.0077, 28.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 179, 130) }
```

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

```
.background{ background-color: rgb(232,  
179, 130) }
```

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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