

Converting Colors

XYZ(53.3625, 51.0191, 26.1039)

Have a look what the booklet for
XYZ(53.3625, 51.0191, 26.1039)
contains.

XYZ(53.3625, 51.0191, 26.1039)	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(53.3625, 51.0191,
26.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B37C
RGB	233, 179, 124
RGB Percent	91%, 70%, 49%
CMY	0.0863, 0.2980, 0.5137
CMYK	0.00, 0.23, 0.47, 0.09
HSL	30°, 71%, 70%
HSV	30°, 47%, 91%
XYZ	53.3625, 51.0191, 26.1039
YIQ	188.8760, 49.8390, -5.6570

Conversions

Conversions Part 2

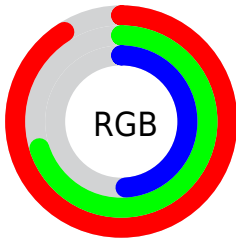
Format	Color
R _Y B	231, 233, 124
Decimal	15315836
CIE Lab	76.69, 12.95, 35.57
CIE LCh	77, 37.851, 69.991
Yxy	51.0191, 0.4090, 0.3910
Android (android.graphics.Color)	4293505916 (0xFFE9B37C)
YUV	188.8760, -31.9839, 38.6967
Hunter-Lab	71.4277, 8.3562, 28.3313

Details

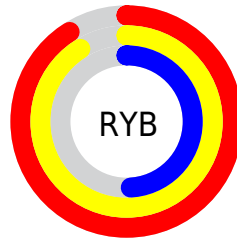
The XYZ color **53.3625, 51.0191, 26.1039** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9399, 42.0074, 83.1466**, and the grayscale version is **48.4571, 50.9807, 55.5180**.

A 20% lighter version of the original color is **78.8841, 83.8510, 53.6222**, and **26.3761, 24.5301, 9.8232** is the 20% darker color. If you saturate the color by 10%, you get **49.8425, 46.0652, 18.4999**, and if you desaturate by 10%, it is **57.4268, 56.5045, 35.6078**.

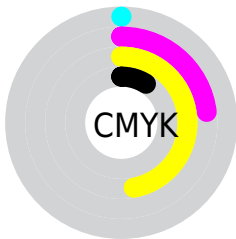
Distribution



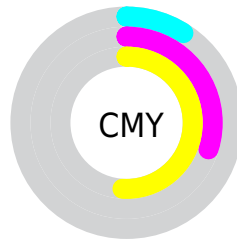
- Red (91%)
- Green (70%)
- Blue (49%)



- Red (91%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3625, 51.0191, 26.1039 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 53.3625, 51.0191, 26.1039 by changing the saturation by 10% instead.


 53.3625, 51.0191,
26.1039

 53.3625, 51.0191,
26.1039


389.9125,
390.6380, 296.9134

 38.3209, 36.2238,
16.6749


 94.3000, 91.6830,
54.4287

 26.4102, 24.6071,
9.8435


 120.9265,
118.3204, 74.1615

 17.2650, 15.7846,
5.1911


 152.1454,
149.6740, 98.1661

 10.5201, 9.3718,
2.2991

188.3220,
186.1281, 126.8609

 5.8100, 4.9845,
0.7307

229.8216,
228.0672, 160.6645

 2.7695, 2.2382,
0.0000

277.0097,

 1.0331, 0.7407,

275.8756, 199.9954

0.0000

330.2515,
329.9377, 245.2722

■ 0.0000, 0.0000,
0.0000

■ 53.3625, 51.0191,
26.1039

■ 53.3625, 51.0191,
26.1039

■ 49.8425, 46.0652,
18.4999

■ 57.4268, 56.5045,
35.6078

■ 46.8334, 41.6160,
12.6601

■ 62.0587, 62.5321,
47.1284

■ 44.3034, 37.6528,
8.4352

■ 67.2843, 69.1213,
60.7765

■ 42.2143, 34.1523,
5.6498

■ 73.1271, 76.2884,
76.6542

■ 40.5188, 31.0869,
4.0802

■ 79.6091, 84.0488,
94.8565

■ 40.0333, 30.1818,
3.7157

■ 85.3010, 91.8371,
107.8382

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



59.8364, 51.0191, 33.8492



53.3625, 51.0191, 26.1039



46.1400, 51.0191, 25.0404

Triad

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



53.3625, 51.0191, 26.1039



36.1458, 51.0191, 62.6846



57.8999, 51.0191, 91.6116

Complementary

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



53.3625, 51.0191, 26.1039



38.9399, 42.0074, 83.1466

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.



50.9228, 51.0191, 104.1967



53.3625, 51.0191, 26.1039



38.6807, 51.0191, 84.9756

Square

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



53.3625, 51.0191, 26.1039



36.6603, 51.0191, 43.1102



43.9275, 51.0191, 101.5070



62.6297, 51.0191, 70.1811

Rectangle

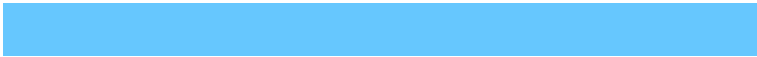
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3625, 51.0191, 26.1039



41.9239, 51.0191, 27.8979



43.9275, 51.0191, 101.5070



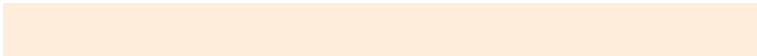
55.7129, 51.0191, 97.2301

Sweetspot

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



53.3638, 51.0216, 26.1049



84.4413, 87.1415, 79.5946



48.8984, 34.9739, 46.5570



17.7532, 18.2549, 16.1759



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.



53.3638, 51.0216, 26.1049



61.3708, 56.8243, 23.1213



66.3813, 77.0566, 30.4441



15.6937, 16.3104, 15.8398



22.8401, 17.3744, 2.1498



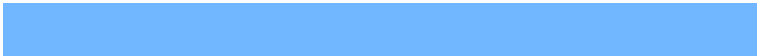
1.8897, 1.5568, 0.2009

Inverse Universe

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



38.9399, 42.0074, 83.1466



41.6783, 44.5193, 101.0041



30.2282, 24.5841, 80.2427



14.8475, 15.7814, 19.1858



11.9753, 10.5976, 45.1573



1.0365, 1.0245, 3.5780

Previews

White Background



This preview shows how the XYZ color 53.3625, 51.0191, 26.1039 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 53.3625, 51.0191, 26.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

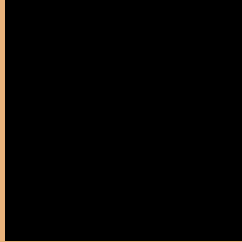
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3625, 51.0191, 26.1039

Background



This preview shows how black text looks on a background with the XYZ color 53.3625, 51.0191, 26.1039.



This preview shows how white text looks on a background with the XYZ color 53.3625, 51.0191,

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

53.3625, 51.0191, 26.1039

Protanopia

47.2707, 50.9328, 27.7617

Deuteranopia

52.1569, 50.9970, 26.1632



Tritanopia

58.8112, 50.9372, 52.0796

Trichromacy



Original Color

53.3625, 51.0191, 26.1039

Protanomaly

49.2041, 50.6773, 27.2670

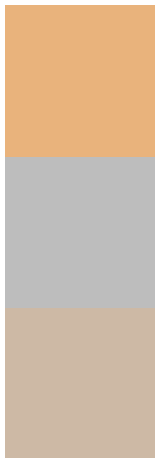
Deuteranomaly

52.5925, 50.9207, 26.1255

Tritanomaly

56.5827, 50.8853, 41.0220

Monochromacy



Original Color

53.3625, 51.0191, 26.1039

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3173, 50.3937, 42.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3625, 51.0191, 26.1039 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(233, 179, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 124)  
}
```

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(233, 179, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 124) }
```

Border

The CSS property to change the border of an element to XYZ 53.3625, 51.0191, 26.1039 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(233, 179, 124) }
```


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

```
.border{ border-color:rgb(233, 179, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3625, 51.0191, 26.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 124) }
```

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

```
.background{ background-color: rgb(233,  
179, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor