

Converting Colors

XYZ(51.6391, 51.4590, 25.3066)

Have a look what the booklet for
XYZ(51.6391, 51.4590, 25.3066)
contains.

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Color

**XYZ(51.4360, 51.2550,
25.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B779
RGB	225, 183, 121
RGB Percent	88%, 72%, 47%
CMY	0.1176, 0.2823, 0.5255
CMYK	0.00, 0.19, 0.46, 0.12
HSL	36°, 63%, 68%
HSV	36°, 46%, 88%
XYZ	51.4360, 51.2550, 25.2714
YIQ	188.4900, 44.9340, -10.3780

Conversions

Conversions Part 2

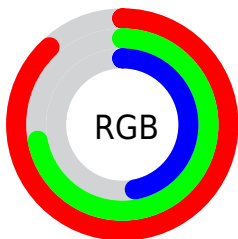
Format	Color
RYB	191, 225, 121
Decimal	14792569
CIELab	76.83, 7.31, 37.15
CIELCh	77, 37.860, 78.865
Yxy	51.2550, 0.4020, 0.4005
Android (android.graphics.Color)	4292982649 (0xFFE1B779)
YUV	188.4900, -33.2726, 32.0193
Hunter-Lab	71.5926, 2.9570, 29.1861

Details

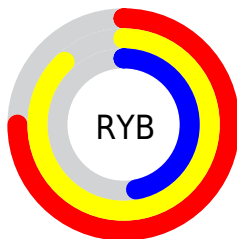
The XYZ color **51.4360, 51.2550, 25.2714** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.5724, 35.6942, 76.3015**, and the grayscale version is **48.2455, 50.7581, 55.2755**.

A 20% lighter version of the original color is **79.7465, 86.0490, 52.4504**, and **25.2684, 24.7450, 9.4057** is the 20% darker color. If you saturate the color by 10%, you get **48.4003, 47.1403, 18.2279**, and if you desaturate by 10%, it is **54.9170, 55.7453, 34.0519**.

Distribution



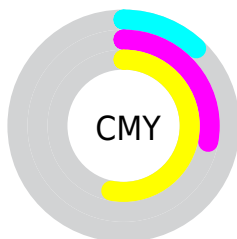
- Red (88%)
- Green (72%)
- Blue (47%)



- Red (75%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (46%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4360, 51.2550, 25.2714 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 51.4360, 51.2550, 25.2714 by changing the saturation by 10% instead.

51.4360, 51.2550,
25.2714

51.4360, 51.2550,
25.2714

382.6152,
391.5537, 292.6777

36.7782, 36.4116,
16.0585

91.4781, 92.0316,
53.0667

25.2087, 24.7522,
9.4108

117.5931,
118.7336, 72.4863

16.3621, 15.8926,
4.9096

148.2578,
150.1572, 96.1451

9.8733, 9.4482,
2.1365

183.8376,
186.6868, 124.4618

5.3766, 5.0346,
0.6374

224.6979,
228.7069, 157.8548

2.5069, 2.2676,
0.0000

271.2040,

0.8987, 0.7565,

276.6018, 196.7428

0.0000

323.7213,
330.7560, 241.5442

■ 0.0000, 0.0000,
0.0000

■ 51.4360, 51.2550,
25.2714

■ 51.4360, 51.2550,
25.2714

■ 48.4003, 47.1403,
18.2279

■ 54.9170, 55.7453,
34.0519

■ 45.7812, 43.3802,
12.7981

■ 58.8622, 60.6165,
44.6751

■ 43.5520, 39.9622,
8.8471


■ 63.2939, 65.8827,
57.2418

■ 41.6802, 36.8696,
6.2162


■ 68.2316, 71.5553,
71.8446


■ 40.1260, 34.0825,
4.7079

■ 73.6937, 77.6447,
88.5700

 39.5965, 33.0981,
4.3016

 79.5357, 84.0964,
106.6480

 82.2409, 89.5068,
107.5497

 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



58.3910, 51.2550, 30.9791



51.4360, 51.2550, 25.2714



44.3806, 51.2550, 26.0950

Triad

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



51.4360, 51.2550, 25.2714



36.7676, 51.2550, 69.6173



59.8909, 51.2550, 86.1244

Complementary

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



51.4360, 51.2550, 25.2714



34.5724, 35.6942, 76.3015

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.



53.3257, 51.2550, 102.2977



51.4360, 51.2550, 25.2714



40.1741, 51.2550, 91.2646

Square

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



51.4360, 51.2550, 25.2714



36.3691, 51.2550, 48.5038



46.0943, 51.2550, 104.3812



63.5827, 51.2550, 63.8110

Rectangle

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



51.4360, 51.2550, 25.2714



40.5444, 51.2550, 30.3027



46.0943, 51.2550, 104.3812



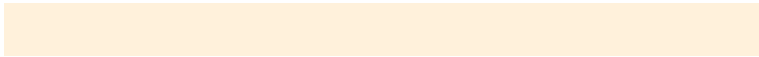
57.9186, 51.2550, 92.6718

Sweetspot

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



51.4373, 51.2574, 25.2724



85.3982, 89.0552, 79.9135



44.6199, 32.3752, 39.1778



17.9863, 18.7212, 16.2536



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.



51.4373, 51.2574, 25.2724



64.5984, 63.0485, 24.9092



58.7939, 69.8805, 28.4793



14.3833, 15.0526, 14.4541



22.9348, 19.3075, 2.5179



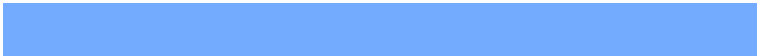
1.6768, 1.5125, 0.2036

Inverse Universe

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



34.5724, 35.6942, 76.3015



39.7226, 40.1184, 100.2578



29.5833, 23.8311, 74.2746



13.4041, 14.1473, 17.4119



10.0878, 7.6452, 41.9923



0.7854, 0.7022, 2.9394

Previews

White Background



This preview shows how the XYZ color 51.4360, 51.2550, 25.2714 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 51.4360, 51.2550, 25.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

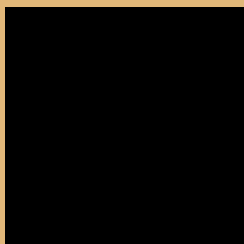
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4360, 51.2550, 25.2714

Background



This preview shows how black text looks on a background with the XYZ color 51.4360, 51.2550, 25.2714.



This preview shows how white text looks on a background with the XYZ color 51.4360, 51.2550,

25.2714.

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

51.4360, 51.2550, 25.2714

Protanopia

47.5051, 51.4040, 26.4869

Deuteranopia

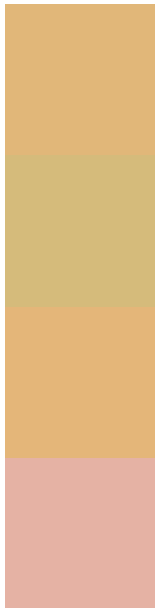
52.2882, 51.0862, 25.1939



Tritanopia

57.3621, 51.2797, 54.4516

Trichromacy



Original Color

51.4360, 51.2550, 25.2714

Protanomaly

48.7860, 51.1168, 26.0341

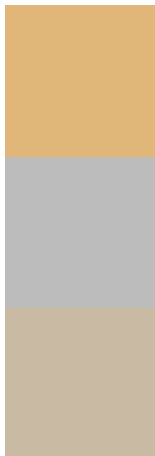
Deuteranomaly

52.1740, 51.3304, 25.2470

Tritanomaly

54.9343, 51.1791, 42.1052

Monochromacy



Original Color

51.4360, 51.2550, 25.2714

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3471, 50.2157, 42.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4360, 51.2550, 25.2714 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(225, 183, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 121)  
}
```

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(225, 183, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 121) }
```

Border

The CSS property to change the border of an element to XYZ 51.4360, 51.2550, 25.2714 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(225, 183, 121) }
```


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

```
.border{ border-color:rgb(225, 183, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 183, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 183, 121); box-shadow:4px 4px 4px 4px rgb(225, 183, 121) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4360, 51.2550, 25.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 121) }
```

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

```
.background{ background-color: rgb(225,  
183, 121) }
```

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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