

Converting Colors

XYZ(52.6602, 51.1607, 30.4694)

Have a look what the booklet for
XYZ(52.6602, 51.1607, 30.4694)
contains.

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Color

**XYZ(52.6464, 51.1562,
30.3919)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B588
RGB	227, 181, 136
RGB Percent	89%, 71%, 53%
CMY	0.1098, 0.2902, 0.4667
CMYK	0.00, 0.20, 0.40, 0.11
HSL	30°, 62%, 71%
HSV	30°, 40%, 89%
XYZ	52.6464, 51.1562, 30.3919
YIQ	189.6240, 41.8610, -4.2430

Conversions

Conversions Part 2

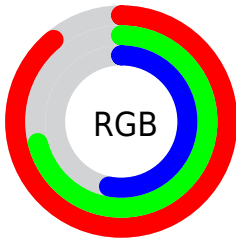
Format	Color
R_{YB}	227, 225, 136
Decimal	14923144
CIE _{Lab}	76.77, 10.74, 29.25
CIE _{LCh}	77, 31.158, 69.836
Yxy	51.1562, 0.3923, 0.3812
Android (android.graphics.Color)	4293113224 (0xFFE3B588)
YUV	189.6240, -26.4366, 32.7788
Hunter-Lab	71.5236, 6.2224, 24.8729

Details

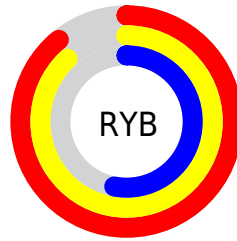
The XYZ color **52.6464, 51.1562, 30.3919** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.7459, 44.2347, 79.0638**, and the grayscale version is **48.8587, 51.4031, 55.9780**.

A 20% lighter version of the original color is **80.8185, 85.5461, 60.9677**, and **25.9764, 24.6563, 12.1941** is the 20% darker color. If you saturate the color by 10%, you get **48.9634, 46.1043, 22.0303**, and if you desaturate by 10%, it is **56.8658, 56.7339, 40.6189**.

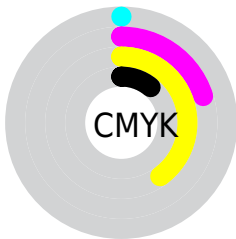
Distribution



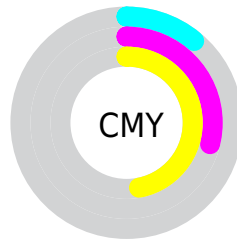
- Red (89%)
- Green (71%)
- Blue (53%)



- Red (89%)
- Yellow (88%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6464, 51.1562, 30.3919 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 52.6464, 51.1562, 30.3919 by changing the saturation by 10% instead.


 52.6464, 51.1562,
30.3919

 52.6464, 51.1562,
30.3919


387.2101,
391.1704, 317.9909


 37.7469, 36.3329,
19.8817

 93.2524, 91.8856,
61.3497

 25.9626, 24.6914,
12.1258


 119.6897,
118.5606, 82.6344

 16.9282, 15.8473,
6.7059


 150.7036,
149.9549, 108.3476

 10.2783, 9.4162,
3.2032

186.6595,
186.4529, 138.9079

 5.6476, 5.0136,
1.1993

227.9227,
228.4391, 174.7338

 2.6706, 2.2553,
0.0000

274.8587,

 0.9821, 0.7499,

276.2978, 216.2440

0.0000

327.8327,
330.4134, 263.8568

■ 0.0000, 0.0000,
0.0000

■ 52.6464, 51.1562,
30.3919

■ 52.6464, 51.1562,
30.3919

■ 48.9634, 46.1043,
22.0303

■ 56.8658, 56.7339,
40.6189

■ 45.7867, 41.5531,
15.4150

■ 61.6420, 62.8469,
52.8142

■ 43.0883, 37.4857,
10.4176

■ 66.9990, 69.5137,
67.0770

■ 40.8357, 33.8811,
6.8904

■ 72.9581, 76.7494,
83.4984

■ 38.9907, 30.7156,
4.6583

■ 79.5392, 84.5685,
102.1645

■ 37.5020, 27.9778,
3.4237

■ 83.8666, 91.8270,
107.9119

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



57.8824, 51.1562, 37.3427



52.6464, 51.1562, 30.3919



46.7066, 51.1562, 29.3905

Triad

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



52.6464, 51.1562, 30.3919



38.2617, 51.1562, 61.4480



56.2726, 51.1562, 84.6200

Complementary

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



52.6464, 51.1562, 30.3919



40.7459, 44.2347, 79.0638

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.



50.5900, 51.1562, 94.3213



52.6464, 51.1562, 30.3919



40.4068, 51.1562, 79.2618

Square

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



52.6464, 51.1562, 30.3919



38.7148, 51.1562, 45.2167



44.8089, 51.1562, 92.1831



60.0907, 51.1562, 67.6910

Rectangle

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



52.6464, 51.1562, 30.3919



43.1842, 51.1562, 31.9671



44.8089, 51.1562, 92.1831



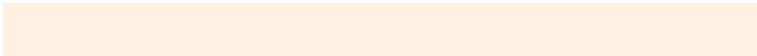
54.4990, 51.1562, 88.9759

Sweetspot

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



52.6477, 51.1586, 30.3929



85.7718, 88.7094, 83.4077



49.0321, 37.3593, 49.4361



18.1574, 18.7384, 17.3120



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.



52.6477, 51.1586, 30.3929



64.5456, 61.1416, 30.4453



63.1788, 72.2208, 33.9033



14.9627, 15.5393, 15.1152



21.9877, 16.5495, 2.0355



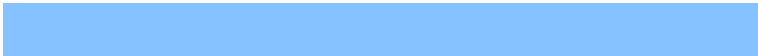
1.7176, 1.4086, 0.1814

Inverse Universe

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



40.7459, 44.2347, 79.0638



47.0555, 50.9654, 101.9650



33.0383, 28.8195, 76.4945



14.1819, 15.0852, 18.3086



11.7610, 10.5842, 43.8063



0.9620, 0.9680, 3.2681

Previews

White Background



This preview shows how the XYZ color 52.6464, 51.1562, 30.3919 looks on a white background.

Color Contrast Check

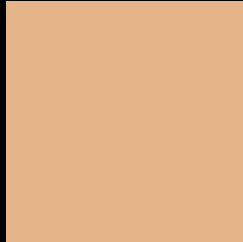
Large Text (above 18pt) WCAG AA × Fail

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 52.6464, 51.1562, 30.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

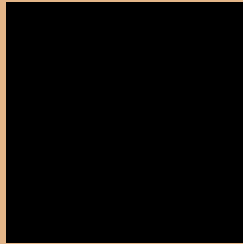
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6464, 51.1562, 30.3919

Background



This preview shows how black text looks on a background with the XYZ color 52.6464, 51.1562, 30.3919.



This preview shows how white text looks on a background with the XYZ color 52.6464, 51.1562,

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

52.6464, 51.1562, 30.3919

Protanopia

48.0489, 51.5577, 32.2301

Deuteranopia

52.2232, 51.2410, 30.4306



Tritanopia

57.4919, 51.0587, 54.4021

Trichromacy



Original Color

52.6464, 51.1562, 30.3919

Protanomaly

49.5819, 51.4018, 31.7344

Deuteranomaly

52.5359, 51.4022, 30.4452

Tritanomaly

55.5167, 51.1318, 44.4795

Monochromacy



Original Color

52.6464, 51.1562, 30.3919

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6546, 51.1394, 45.2840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6464, 51.1562, 30.3919 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(227, 181, 136)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 136)  
}
```

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(227, 181, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 136) }
```

Border

The CSS property to change the border of an element to XYZ 52.6464, 51.1562, 30.3919 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(227, 181, 136) }
```


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

```
.border{ border-color:rgb(227, 181, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 181, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 181, 136);  
box-shadow:4px 4px 4px 4px rgb(227, 181,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6464, 51.1562, 30.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 136) }
```

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

```
.background{ background-color: rgb(227,  
181, 136) }
```

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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