

Converting Colors

XYZ(62.8970, 60.5214, 53.3210)

Have a look what the booklet for
XYZ(62.8970, 60.5214, 53.3210)
contains.

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Color

**XYZ(62.6544, 60.2820,
53.1331)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC3B7
RGB	236, 195, 183
RGB Percent	93%, 76%, 72%
CMY	0.0745, 0.2353, 0.2823
CMYK	0.00, 0.17, 0.22, 0.07
HSL	14°, 58%, 82%
HSV	14°, 22%, 93%
XYZ	62.6544, 60.2820, 53.1331
YIQ	205.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

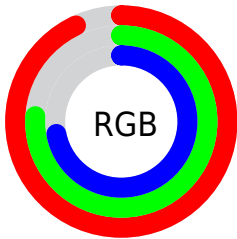
Format	Color
R _Y B	236, 199, 183
Decimal	15516599
CIE Lab	81.99, 12.78, 11.49
CIE LCh	82, 17.184, 41.972
Yxy	60.2820, 0.3559, 0.3424
Android (android.graphics.Color)	4293706679 (0xFFECC3B7)
YUV	205.8910, -11.2853, 26.4056
Hunter-Lab	77.6415, 8.1717, 13.7746

Details

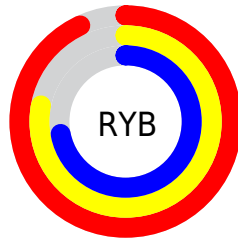
The XYZ color **62.6544, 60.2820, 53.1331** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.3237, 69.4327, 89.5269**, and the grayscale version is **58.6551, 61.7097, 67.2019**.

A 20% lighter version of the original color is **91.6304, 97.1128, 95.5766**, and **32.1445, 30.2452, 25.2628** is the 20% darker color. If you saturate the color by 10%, you get **56.5582, 51.6962, 39.9813**, and if you desaturate by 10%, it is **69.6658, 70.0381, 68.6233**.

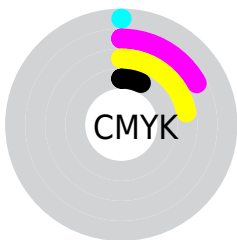
Distribution



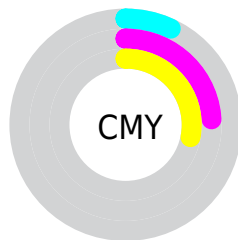
- Red (93%)
- Green (76%)
- Blue (72%)



- Red (93%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6544, 60.2820, 53.1331 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 62.6544, 60.2820, 53.1331 by changing the saturation by 10% instead.


 62.6544, 60.2820,
53.1331

 62.6544, 60.2820,
53.1331


423.9938,
425.6364, 415.8763

 45.8193, 43.6460,
37.5206


 107.7554,
105.2386, 96.2437

 32.3073, 30.3923,
25.3119


136.7519,
134.3280, 124.5789

 21.7530, 20.1365,
16.0884


170.5330,
168.3373, 157.9921

 13.7911, 12.4943,
9.4317

209.4640,
207.6510, 196.9017

 8.0562, 7.0813,
4.9232

253.9102,
252.6533, 241.7265

 4.1831, 3.5130,
2.1443

304.2370,

 1.8062, 1.4051,

303.7287, 292.8848

0.6420

360.8097,
361.2616, 350.7952

■ 0.5214, 0.2204,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6544, 60.2820,
53.1331

■ 62.6544, 60.2820,
53.1331

■ 56.5582, 51.6962,
39.9813

■ 69.6658, 70.0381,
68.6233

■ 51.3338, 44.2284,
29.0500

■ 77.6237, 80.9980,
86.5544

■ 46.9416, 37.8343,
20.2168

■ 86.5639, 93.2041,
107.0272

■ 43.3367, 32.4636,
13.3457

■ 88.4022, 96.5729,
108.5889

■ 40.4699, 28.0616,
8.2847

■ 38.2858, 24.5685,
4.8590

■ 36.7203, 21.9170,
2.8588

■ 35.8861, 20.4208,
2.0502

Harmonies

Analogous

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



64.4133, 60.2820, 61.5694



62.6544, 60.2820, 53.1331



59.4879, 60.2820, 48.3745

Triad

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



62.6544, 60.2820, 53.1331



50.9002, 60.2820, 59.6315



58.7591, 60.2820, 87.2436

Complementary

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



62.6544, 60.2820, 53.1331



61.3237, 69.4327, 89.5269

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.



55.1591, 60.2820, 86.5832



62.6544, 60.2820, 53.1331



50.7237, 60.2820, 69.8796

Square

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



62.6544, 60.2820, 53.1331



52.7455, 60.2820, 51.8440



52.2526, 60.2820, 79.9628



62.1015, 60.2820, 81.6817

Rectangle

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



62.6544, 60.2820, 53.1331



57.0559, 60.2820, 47.5863



52.2526, 60.2820, 79.9628



57.5372, 60.2820, 87.7569

Sweetspot

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



62.6560, 60.2848, 53.1344



88.0605, 90.4082, 93.0450



65.0508, 57.1104, 78.4843



18.7253, 19.1813, 19.6377



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.



62.6560, 60.2848, 53.1344



71.1796, 66.9329, 55.7058



68.9918, 72.9564, 55.2463



15.3422, 15.6075, 15.7226



19.8610, 11.4163, 1.1568



1.6303, 1.0380, 0.1144

Inverse Universe

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



61.3237, 69.4327, 89.5269



69.3214, 79.6485, 106.3278



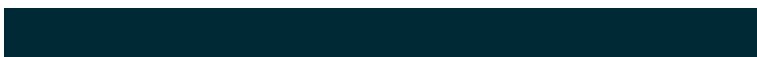
54.8673, 56.5199, 87.3748



15.2116, 16.5095, 19.3072



17.7298, 22.1066, 47.0755



1.4629, 1.8773, 3.7201

Previews

White Background



This preview shows how the XYZ color 62.6544, 60.2820, 53.1331 looks on a white background.

Color Contrast Check

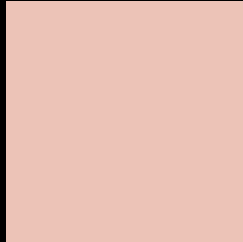
Large Text (above 18pt) WCAG AA × Fail

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 62.6544, 60.2820, 53.1331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

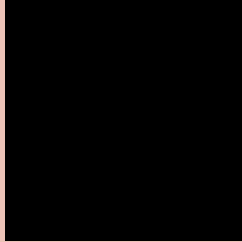
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6544, 60.2820, 53.1331

Background



This preview shows how black text looks on a background with the XYZ color 62.6544, 60.2820, 53.1331.



This preview shows how white text looks on a background with the XYZ color 62.6544, 60.2820,

53.1331.

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

62.6544, 60.2820, 53.1331

Protanopia

57.4770, 60.2968, 55.6228

Deuteranopia

61.7922, 60.5072, 53.2220



Tritanopia

65.5868, 60.5062, 66.6146

Trichromacy



Original Color

62.6544, 60.2820, 53.1331

Protanomaly

59.3360, 60.2259, 54.9518

Deuteranomaly

61.8914, 60.2224, 53.1618

Tritanomaly

64.5229, 60.3943, 61.6826

Monochromacy



Original Color

62.6544, 60.2820, 53.1331

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.9288, 61.0700, 62.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6544, 60.2820, 53.1331 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(236, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 183)  
}
```

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(236, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.6544, 60.2820, 53.1331 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(236, 195, 183) }
```


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

```
.border{ border-color:rgb(236, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6544, 60.2820, 53.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 183) }
```

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

```
.background{ background-color: rgb(236,  
195, 183) }
```

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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