

Converting Colors

XYZ(55.3608, 56.6813, 32.2891)

Have a look what the booklet for
XYZ(55.3608, 56.6813, 32.2891)
contains.

XYZ(55.3160, 56.6164, 32.4387)	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(55.3160, 56.6164,
32.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C28B
RGB	226, 194, 139
RGB Percent	89%, 76%, 55%
CMY	0.1137, 0.2392, 0.4549
CMYK	0.00, 0.14, 0.38, 0.11
HSL	38°, 60%, 72%
HSV	38°, 38%, 89%
XYZ	55.3160, 56.6164, 32.4387
YIQ	197.2980, 36.7270, -10.3210

Conversions

Conversions Part 2

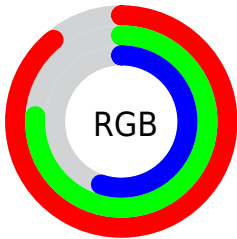
Format	Color
R _Y B	190, 226, 139
Decimal	14860939
CIE Lab	79.96, 3.82, 31.88
CIE LCh	80, 32.105, 83.171
Yxy	56.6164, 0.3832, 0.3922
Android (android.graphics.Color)	4293051019 (0xFFE2C28B)
YUV	197.2980, -28.7409, 25.1717
Hunter-Lab	75.2439, -0.4514, 27.1099

Details

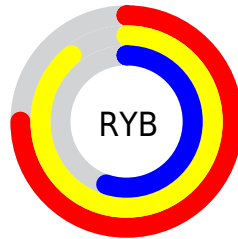
The XYZ color **55.3160, 56.6164, 32.4387** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.9374, 40.1044, 77.6401**, and the grayscale version is **53.4050, 56.1862, 61.1868**.

A 20% lighter version of the original color is **85.0512, 93.4815, 64.0131**, and **27.6485, 28.1893, 13.2164** is the 20% darker color. If you saturate the color by 10%, you get **52.0344, 52.4283, 24.0230**, and if you desaturate by 10%, it is **59.0453, 61.1533, 42.6889**.

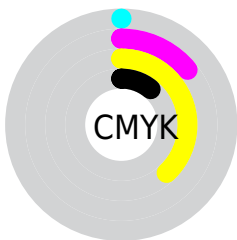
Distribution



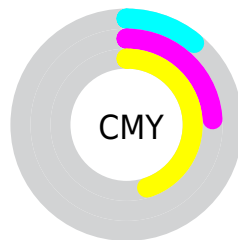
- Red (89%)
- Green (76%)
- Blue (55%)



- Red (75%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3160, 56.6164, 32.4387 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 55.3160, 56.6164, 32.4387 by changing the saturation by 10% instead.


 55.3160, 56.6164,
32.4387

 55.3160, 56.6164,
32.4387


397.2256,
412.0103, 327.6669

 39.8896, 40.6973,
21.4292


 97.1494, 99.9052,
64.6041

 27.6363, 28.0827,
13.2438


 124.2872,
128.0438, 86.5971

 18.1907, 18.3880,
7.4640


 156.0594,
161.0244, 113.0883

 11.1875, 11.2289,
3.6711

192.8315,
199.2313, 144.4963

 6.2613, 6.2210,
1.4467

234.9688,
243.0489, 181.2396

 3.0468, 2.9799,
0.1777

282.8367,

 1.1786, 1.1213,

292.8617, 223.7368

0.0000

336.8005,
349.0541, 272.4064

■ 0.0893, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3160, 56.6164,
32.4387

■ 55.3160, 56.6164,
32.4387

■ 52.0344, 52.4283,
24.0230

■ 59.0453, 61.1533,
42.6889

■ 49.1734, 48.5692,
17.3262

■ 63.2390, 66.0420,
54.8728

■ 46.7092, 45.0290,
12.2249

■ 67.9181, 71.2956,
69.0863

■ 44.6131, 41.7933,
8.5774

■ 73.1008, 76.9239,
85.4183

■ 42.8518, 38.8460,
6.2169

■ 78.8046, 82.9363,
103.9519

■ 41.3768, 36.1646,
4.8974

■ 81.7266, 88.0140,
107.2887

■ 41.1695, 35.7797,
4.7363

■ 84.2825, 93.1257,
108.1406

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



61.6781, 56.6164, 37.1523



55.3160, 56.6164, 32.4387



49.0310, 56.6164, 34.1900

Triad

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



55.3160, 56.6164, 32.4387



43.0952, 56.6164, 76.8710



64.4776, 56.6164, 85.7557

Complementary

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



55.3160, 56.6164, 32.4387



38.9374, 40.1044, 77.6401

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.



58.8945, 56.6164, 100.8717



55.3160, 56.6164, 32.4387



46.6452, 56.6164, 95.0614

Square

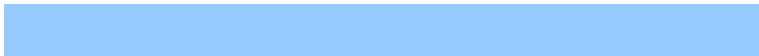
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.3160, 56.6164, 32.4387



42.3051, 56.6164, 57.4760



52.3359, 56.6164, 104.5822



67.2369, 56.6164, 66.0122

Rectangle

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



55.3160, 56.6164, 32.4387



45.6866, 56.6164, 39.0027



52.3359, 56.6164, 104.5822



62.8483, 56.6164, 91.6962

Sweetspot

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



55.3174, 56.6190, 32.4399



87.0234, 91.2126, 83.8249



48.0771, 37.6266, 43.9355



18.4520, 19.3278, 17.4102



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.



55.3174, 56.6190, 32.4399



69.3148, 70.1044, 33.8093



60.1313, 70.8329, 34.9297



14.4259, 15.1378, 14.4683



23.6042, 20.6463, 2.7411



1.7207, 1.6002, 0.2182

Inverse Universe

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



38.9374, 40.1044, 77.6401



44.9726, 45.5795, 101.0352



35.3825, 30.3606, 75.9467



13.3628, 14.0647, 17.3981



9.7050, 6.8796, 41.8647



0.7562, 0.6439, 2.9297

Previews

White Background



This preview shows how the XYZ color 55.3160, 56.6164, 32.4387 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 55.3160, 56.6164, 32.4387 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 55.3160, 56.6164, 32.4387

Background



This preview shows how black text looks on a background with the XYZ color 55.3160, 56.6164, 32.4387.



This preview shows how white text looks on a background with the XYZ color 55.3160, 56.6164,

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

55.3160, 56.6164, 32.4387

Protanopia

52.7334, 56.6074, 33.3463

Deuteranopia

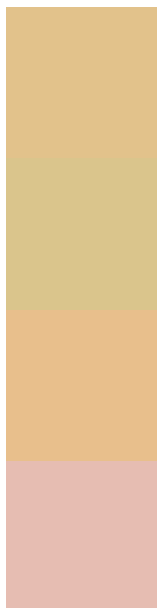
57.7392, 56.5532, 32.6836



Tritanopia

61.2629, 56.4437, 62.3094

Trichromacy



Original Color

55.3160, 56.6164, 32.4387

Protanomaly

53.6133, 56.7314, 32.9355

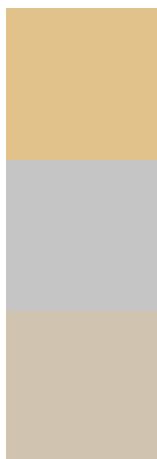
Deuteranomaly

56.6431, 56.3109, 32.6946

Tritanomaly

58.8666, 56.4325, 49.9094

Monochromacy



Original Color

55.3160, 56.6164, 32.4387

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.5888, 56.0243, 49.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3160, 56.6164, 32.4387 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(226, 194, 139)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 139)  
}
```

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(226, 194, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 139) }
```

Border

The CSS property to change the border of an element to XYZ 55.3160, 56.6164, 32.4387 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(226, 194, 139) }
```


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

```
.border{ border-color:rgb(226, 194, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 194, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 194, 139); box-shadow:4px 4px 4px 4px rgb(226, 194, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3160, 56.6164, 32.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 139) }
```

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

```
.background{ background-color: rgb(226,  
194, 139) }
```

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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