

Converting Colors

XYZ(55.3563, 56.4873, 35.4758)

Have a look what the booklet for
XYZ(55.3563, 56.4873, 35.4758)
contains.

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Color

**XYZ(55.2987, 56.5375,
35.6020)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C293
RGB	224, 194, 147
RGB Percent	88%, 76%, 58%
CMY	0.1216, 0.2392, 0.4235
CMYK	0.00, 0.13, 0.34, 0.12
HSL	37°, 55%, 73%
HSV	37°, 34%, 88%
XYZ	55.2987, 56.5375, 35.6020
YIQ	197.6120, 32.9670, -8.2570

Conversions

Conversions Part 2

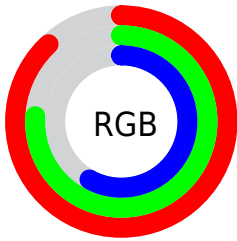
Format	Color
R _Y B	196, 224, 147
Decimal	14729875
CIE Lab	79.92, 3.97, 27.59
CIE LCh	80, 27.876, 81.820
Yxy	56.5375, 0.3751, 0.3835
Android (android.graphics.Color)	4292919955 (0xFFE0C293)
YUV	197.6120, -24.9517, 23.1423
Hunter-Lab	75.1914, -0.3091, 24.5611

Details

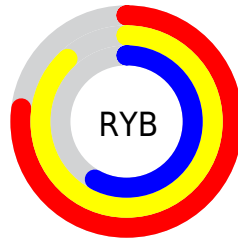
The XYZ color **55.2987, 56.5375, 35.6020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.2088, 43.0276, 76.6542**, and the grayscale version is **53.5748, 56.3649, 61.3813**.

A 20% lighter version of the original color is **85.9682, 93.8483, 68.8419**, and **27.7846, 28.2191, 15.0488** is the 20% darker color. If you saturate the color by 10%, you get **51.8243, 52.1330, 26.6001**, and if you desaturate by 10%, it is **59.2323, 61.3122, 46.4467**.

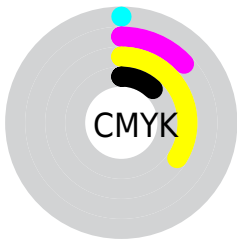
Distribution



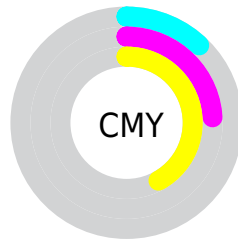
- Red (88%)
- Green (76%)
- Blue (58%)



- Red (77%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2987, 56.5375, 35.6020 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 55.2987, 56.5375, 35.6020 by changing the saturation by 10% instead.

■ 55.2987, 56.5375,
35.6020

■ 55.2987, 56.5375,
35.6020

397.1612,
411.7140, 342.2022

■ 39.8757, 40.6340,
23.8397

■ 97.1242, 99.7900,
69.5794

■ 27.6254, 28.0332,
15.0037

■ 124.2575,
127.9079, 92.6317

■ 18.1825, 18.3507,
8.6753

156.0249,
160.8660, 120.2843

■ 11.1816, 11.2021,
4.4361

192.7917,
199.0487, 152.9558

■ 6.2573, 6.2029,
1.8675

234.9235,
242.8405, 191.0649

■ 3.0443, 2.9689,
0.4719

282.7854,

■ 1.1772, 1.1155,

292.6257, 235.0299

0.0000

336.7428,
348.7887, 285.2695

■ 0.0883, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2987, 56.5375,
35.6020

■ 55.2987, 56.5375,
35.6020

■ 51.8243, 52.1330,
26.6001

■ 59.2323, 61.3122,
46.4467

■ 48.7830, 48.0791,
19.3319

■ 63.6410, 66.4604,
59.2279

■ 46.1521, 44.3656,
13.6820

■ 68.5451, 71.9952,
74.0372

■ 43.9049, 40.9784,
9.5192

■ 73.9624, 77.9266,
90.9591

■ 42.0105, 37.9019,
6.6919

■ 79.2587, 84.0038,
106.6447

■ 40.4318, 35.1178,
5.0149

■ 81.8559, 89.1982,
107.5105

■ 39.6496, 33.6655,
4.4083

■ 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



60.7400, 56.5375, 40.1888



55.2987, 56.5375, 35.6020



49.7975, 56.5375, 36.9468

Triad

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



55.2987, 56.5375, 35.6020



44.2648, 56.5375, 73.8702



62.7422, 56.5375, 82.8766

Complementary

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



55.2987, 56.5375, 35.6020



41.2088, 43.0276, 76.6542

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.



57.8793, 56.5375, 95.2172



55.2987, 56.5375, 35.6020



47.2945, 56.5375, 89.4151

Square

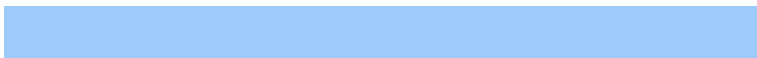
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2987, 56.5375, 35.6020



43.6803, 56.5375, 57.2357



52.2054, 56.5375, 97.7994



65.2301, 56.5375, 66.0962

Rectangle

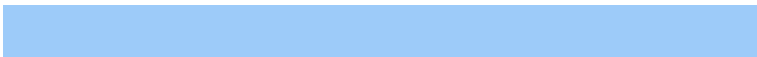
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2987, 56.5375, 35.6020



46.8105, 56.5375, 41.1528



52.2054, 56.5375, 97.7994



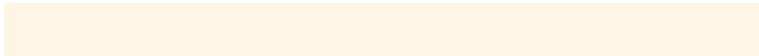
61.3156, 56.5375, 87.7952

Sweetspot

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



55.3001, 56.5401, 35.6032



88.1254, 92.2903, 87.6644



49.1903, 39.9216, 47.1278



18.6660, 19.5312, 18.1738



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.



55.3001, 56.5401, 35.6032



70.8972, 71.7082, 39.1489



60.3299, 70.0626, 37.9482



14.4001, 15.0862, 14.4597



23.1937, 19.8254, 2.6042



1.6939, 1.5466, 0.2093

Inverse Universe

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



41.2088, 43.0276, 76.6542



49.3800, 51.0855, 101.8656



37.3489, 33.1888, 74.9585



13.3877, 14.1146, 17.4065



9.9315, 7.3325, 41.9402



0.7736, 0.6786, 2.9355

Previews

White Background



This preview shows how the XYZ color 55.2987, 56.5375, 35.6020 looks on a white background.

Color Contrast Check

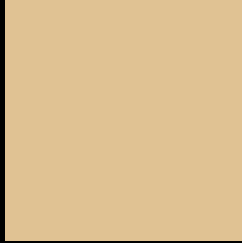
Large Text (above 18pt) WCAG AA × Fail

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 55.2987, 56.5375, 35.6020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

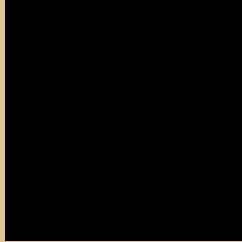
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2987, 56.5375, 35.6020

Background



This preview shows how black text looks on a background with the XYZ color 55.2987, 56.5375, 35.6020.



This preview shows how white text looks on a background with the XYZ color 55.2987, 56.5375,

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

55.2987, 56.5375, 35.6020

Protanopia

52.7703, 56.5551, 36.5687

Deuteranopia

57.6904, 56.4575, 35.8737



Tritanopia

60.9461, 56.5807, 62.9673

Trichromacy



Original Color

55.2987, 56.5375, 35.6020

Protanomaly

53.6305, 56.6696, 36.1287

Deuteranomaly

56.6092, 56.2227, 35.8854

Tritanomaly

58.7489, 56.6571, 51.5556

Monochromacy



Original Color

55.2987, 56.5375, 35.6020

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8351, 56.4526, 50.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2987, 56.5375, 35.6020 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(224, 194, 147)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 147)  
}
```

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(224, 194, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 147) }
```

Border

The CSS property to change the border of an element to XYZ 55.2987, 56.5375, 35.6020 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(224, 194, 147) }
```


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

```
.border{ border-color:rgb(224, 194, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 147);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2987, 56.5375, 35.6020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 147) }
```

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

```
.background{ background-color: rgb(224,  
194, 147) }
```

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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