

Converting Colors

XYZ(55.0025, 53.9396, 29.3422)

Have a look what the booklet for
XYZ(55.0025, 53.9396, 29.3422)
contains.

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Color

**XYZ(55.0025, 53.9396,
29.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BA84
RGB	232, 186, 132
RGB Percent	91%, 73%, 52%
CMY	0.0902, 0.2706, 0.4823
CMYK	0.00, 0.20, 0.43, 0.09
HSL	32°, 68%, 71%
HSV	32°, 43%, 91%
XYZ	55.0025, 53.9396, 29.3422
YIQ	193.5980, 44.7500, -7.0420

Conversions

Conversions Part 2

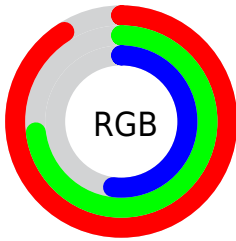
Format	Color
R _Y B	217, 232, 132
Decimal	15252100
CIE Lab	78.43, 9.65, 33.62
CIE LCh	78, 34.979, 73.982
Yxy	53.9396, 0.3977, 0.3901
Android (android.graphics.Color)	4293442180 (0xFFE8BA84)
YUV	193.5980, -30.3678, 33.6786
Hunter-Lab	73.4436, 5.1538, 27.7230

Details

The XYZ color **55.0025, 53.9396, 29.3422** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.0010, 42.5709, 82.4526**, and the grayscale version is **51.1970, 53.8632, 58.6570**.

A 20% lighter version of the original color is **81.8551, 88.3094, 59.1856**, and **27.3661, 26.3829, 11.6327** is the 20% darker color. If you saturate the color by 10%, you get **51.4237, 49.0463, 21.1687**, and if you desaturate by 10%, it is **59.1050, 59.3150, 39.4330**.

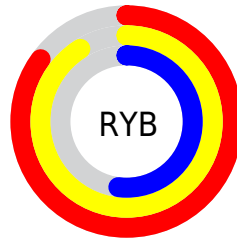
Distribution



Red (91%)

Green (73%)

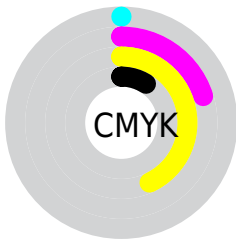
Blue (52%)



Red (85%)

Yellow (91%)

Blue (52%)

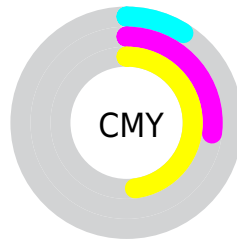


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (9%)



Cyan (9%)


Magenta (27%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0025, 53.9396, 29.3422 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 55.0025, 53.9396, 29.3422 by changing the saturation by 10% instead.


 55.0025, 53.9396,
29.3422


 55.0025, 53.9396,
29.3422


396.0577,
401.8796, 312.9375


 39.6376, 38.5534,
19.0920


 96.6929, 95.9856,
59.6690

 27.4390, 26.4125,
11.5593


 123.7491,
123.4141, 80.5827

 18.0415, 17.1325,
6.3255


 155.4331,
155.6255, 105.8880

 11.0797, 10.3290,
2.9720

192.1103,
193.0042, 136.0035

 6.1881, 5.6176,
1.0804

234.1460,
235.9345, 171.3476

 3.0016, 2.6140,
0.0000

281.9055,

 1.1546, 0.9337,

284.8010, 212.3389

0.0000

335.7543,
339.9879, 259.3960

■ 0.0701, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0025, 53.9396,
29.3422

■ 55.0025, 53.9396,
29.3422

■ 51.4237, 49.0463,
21.1687

■ 59.1050, 59.3150,
39.4330

■ 48.3371, 44.6107,
14.7833

■ 63.7521, 65.1806,
51.5523

■ 45.7138, 40.6172,
10.0460

■ 68.9684, 71.5535,
65.8064

■ 43.5193, 37.0457,
6.7939

■ 74.7756, 78.4479,
82.2933

■ 41.7122, 33.8732,
4.8300

■ 81.1942, 85.8771,
101.1049

■ 40.6494, 31.8972,
4.0143

■ 85.5238, 92.7660,
108.0058

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



61.3794, 53.9396, 36.1702



55.0025, 53.9396, 29.3422



48.1401, 53.9396, 29.1236

Triad

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



55.0025, 53.9396, 29.3422



39.4815, 53.9396, 68.3606



61.0057, 53.9396, 90.3982

Complementary

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



55.0025, 53.9396, 29.3422



40.0010, 42.5709, 82.4526

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.



54.5284, 53.9396, 103.6554



55.0025, 53.9396, 29.3422



42.3329, 53.9396, 89.1363

Square

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



55.0025, 53.9396, 29.3422



39.5837, 53.9396, 48.8924



47.7064, 53.9396, 103.1479



65.0511, 53.9396, 69.8083

Rectangle

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



55.0025, 53.9396, 29.3422



44.2292, 53.9396, 32.6012



47.7064, 53.9396, 103.1479



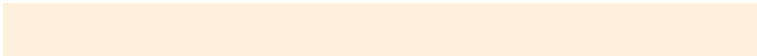
59.0165, 53.9396, 96.0457

Sweetspot

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



55.0038, 53.9422, 29.3433



85.4921, 88.7006, 81.6169



49.6333, 36.9000, 46.9782



17.9784, 18.5986, 16.5798



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.



55.0038, 53.9422, 29.3433



64.0720, 61.2636, 26.9907



65.2284, 75.9824, 33.0586



15.0186, 15.6510, 15.1338



22.6945, 17.9631, 2.2711



1.7697, 1.5128, 0.1987

Inverse Universe

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



40.0010, 42.5709, 82.4526



43.1466, 45.4145, 101.0995



32.8626, 27.5079, 79.9213



14.1263, 14.9740, 18.2901



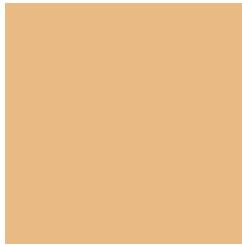
11.1111, 9.2842, 43.5896



0.9131, 0.8701, 3.2518

Previews

White Background



This preview shows how the XYZ color 55.0025, 53.9396, 29.3422 looks on a white background.

Color Contrast Check

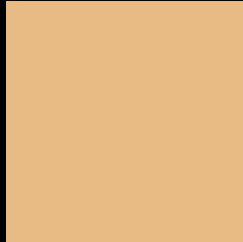
Large Text (above 18pt) WCAG AA × Fail

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 55.0025, 53.9396, 29.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

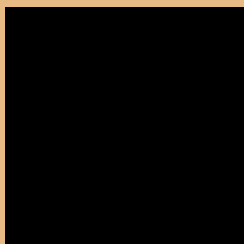
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0025, 53.9396, 29.3422

Background



This preview shows how black text looks on a background with the XYZ color 55.0025, 53.9396, 29.3422.



This preview shows how white text looks on a background with the XYZ color 55.0025, 53.9396,

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

55.0025, 53.9396, 29.3422

Protanopia

50.2433, 54.0345, 30.7033

Deuteranopia

55.0025, 53.9396, 29.3422



Tritanopia

60.6947, 53.8237, 57.0592

Trichromacy



Original Color

55.0025, 53.9396, 29.3422

Protanomaly

51.8473, 53.8883, 30.2231

Deuteranomaly

55.0025, 53.9396, 29.3422

Tritanomaly

58.3716, 53.7829, 45.3348

Monochromacy



Original Color

55.0025, 53.9396, 29.3422

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9939, 53.6118, 46.1358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0025, 53.9396, 29.3422 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(232, 186, 132)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 132)  
}
```

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(232, 186, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 132) }
```

Border

The CSS property to change the border of an element to XYZ 55.0025, 53.9396, 29.3422 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(232, 186, 132) }
```


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

```
.border{ border-color:rgb(232, 186, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 132);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0025, 53.9396, 29.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 132) }
```

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

```
.background{ background-color: rgb(232,  
186, 132) }
```

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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