

Converting Colors

XYZ(55.9023, 53.3558, 40.9089)

Have a look what the booklet for
XYZ(55.9023, 53.3558, 40.9089)
contains.

XYZ(55.9996, 53.2632, 41.0475)	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(55.9996, 53.2632,
41.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B7A1
RGB	230, 183, 161
RGB Percent	90%, 72%, 63%
CMY	0.0980, 0.2823, 0.3686
CMYK	0.00, 0.20, 0.30, 0.10
HSL	19°, 58%, 77%
HSV	19°, 30%, 90%
XYZ	55.9996, 53.2632, 41.0475
YIQ	194.5450, 35.0740, 3.1220

Conversions

Conversions Part 2

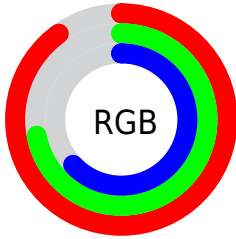
Format	Color
R _Y B	230, 193, 161
Decimal	15120289
CIE Lab	78.03, 13.86, 17.64
CIE LCh	78, 22.437, 51.839
Yxy	53.2632, 0.3726, 0.3544
Android (android.graphics.Color)	4293310369 (0xFFE6B7A1)
YUV	194.5450, -16.5377, 31.0940
Hunter-Lab	72.9816, 9.2471, 17.7403

Details

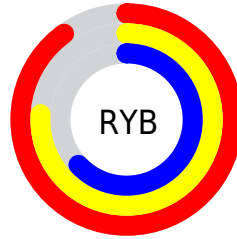
The XYZ color **55.9996, 53.2632, 41.0475** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **51.5359, 58.3999, 83.4190**, and the grayscale version is **51.6829, 54.3744, 59.2138**.

A 20% lighter version of the original color is **84.5012, 87.9509, 77.4883**, and **27.9765, 25.9536, 18.0030** is the 20% darker color. If you saturate the color by 10%, you get **51.1019, 46.4205, 30.3120**, and if you desaturate by 10%, it is **61.6328, 60.9793, 53.8700**.

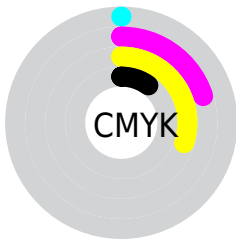
Distribution



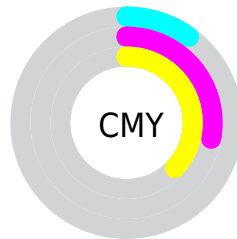
- Red (90%)
- Green (72%)
- Blue (63%)



- Red (90%)
- Yellow (76%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9996, 53.2632, 41.0475 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 55.9996, 53.2632, 41.0475 by changing the saturation by 10% instead.


 55.9996, 53.2632,
41.0475


 55.9996, 53.2632,
41.0475


399.7650,
399.2941, 366.2016

 40.4396, 38.0129,
28.0362


 98.1438, 94.9916,
78.0104

 28.0672, 25.9927,
18.1137


 125.4587,
122.2384, 102.7992

 18.5170, 16.8182,
10.8614


157.4227,
154.2529, 132.3509

 11.4238, 10.1050,
5.8607

194.4010,
191.4195, 167.0840

 6.4220, 5.4686,
2.6931

236.7590,
234.1225, 207.4170

 3.1464, 2.5247,
0.9400

284.8621,

 1.2317, 0.8890,

282.7463, 253.7687

0.0000

339.0757,
337.6754, 306.5573

■ 0.1311, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9996, 53.2632,
41.0475

■ 55.9996, 53.2632,
41.0475

■ 51.1019, 46.4205,
30.3120

■ 61.6328, 60.9793,
53.8700

■ 46.9034, 40.4122,
21.5483

■ 68.0275, 69.5914,
68.8794

■ 43.3707, 35.2071,
14.6353

■ 75.2134, 79.1304,
86.1735

■ 40.4655, 30.7690,
9.4367

■ 83.2172, 89.6235,
105.8427

■ 38.1454, 27.0585,
5.7972

■ 86.4431, 95.5630,
108.4972

■ 36.3615, 24.0323,
3.5329

■ 35.0388, 21.6343,
2.3291

■ 35.0387, 21.6342,
2.3291

Harmonies

Analogous

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



58.8372, 53.2632, 49.4905



55.9996, 53.2632, 41.0475



51.8280, 53.2632, 37.2759

Triad

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



55.9996, 53.2632, 41.0475



42.7504, 53.2632, 54.6432



53.8175, 53.2632, 83.3394

Complementary

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



55.9996, 53.2632, 41.0475



51.5359, 58.3999, 83.4190

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.



49.4409, 53.2632, 85.2438



55.9996, 53.2632, 41.0475



43.2150, 53.2632, 67.4209

Square

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



55.9996, 53.2632, 41.0475



44.2979, 53.2632, 44.3529



45.6059, 53.2632, 79.0620



57.5277, 53.2632, 74.1806

Rectangle

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



55.9996, 53.2632, 41.0475



48.9197, 53.2632, 37.4761



45.6059, 53.2632, 79.0620



52.3697, 53.2632, 84.8973

Sweetspot

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



56.0010, 53.2657, 41.0486



86.7873, 89.0384, 88.9931



56.7819, 46.8747, 65.8266



18.3068, 18.6981, 18.4076



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.



56.0010, 53.2657, 41.0486



66.8232, 61.8203, 43.1549



63.9695, 69.2027, 43.7048



14.7503, 15.1145, 15.0444



19.9345, 12.4432, 1.3511



1.5545, 1.0823, 0.1270

Inverse Universe

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



51.5359, 58.3999, 83.4190



60.3166, 69.2703, 104.7992



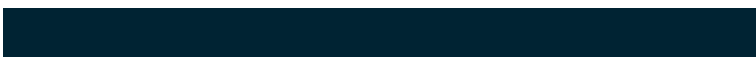
44.0499, 43.4279, 80.9237



14.3996, 15.5205, 18.3812



14.9935, 17.0492, 44.8837



1.1908, 1.4256, 3.3444

Previews

White Background



This preview shows how the XYZ color 55.9996, 53.2632, 41.0475 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 55.9996, 53.2632, 41.0475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

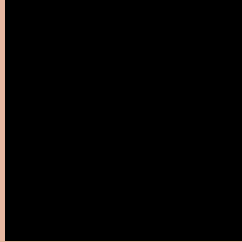
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9996, 53.2632, 41.0475

Background



This preview shows how black text looks on a background with the XYZ color 55.9996, 53.2632, 41.0475.



This preview shows how white text looks on a background with the XYZ color 55.9996, 53.2632,

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

55.9996, 53.2632, 41.0475

Protanopia

50.5815, 53.5896, 43.7543

Deuteranopia

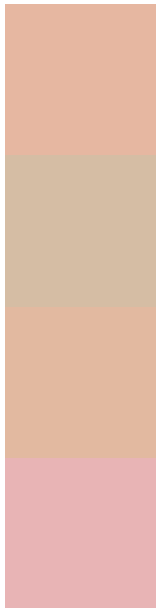
54.3355, 53.3439, 40.6903



Tritanopia

59.0391, 52.9702, 56.9817

Trichromacy



Original Color

55.9996, 53.2632, 41.0475

Protanomaly

52.3390, 53.2217, 42.6362

Deuteranomaly

55.0582, 53.4047, 40.6640

Tritanomaly

57.9405, 53.1345, 50.9183

Monochromacy



Original Color

55.9996, 53.2632, 41.0475

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1905, 54.0904, 52.4368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9996, 53.2632, 41.0475 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(230, 183, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 183, 161)  
}
```

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(230, 183, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 183, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.9996, 53.2632, 41.0475 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(230, 183, 161) }
```


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

```
.border{ border-color:rgb(230, 183, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 183, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 183, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 183, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 183,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9996, 53.2632, 41.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 183, 161) }
```

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

```
.background{ background-color: rgb(230,  
183, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor