

Converting Colors

XYZ(61.3139, 64.7077, 53.6697)

Have a look what the booklet for
XYZ(61.3139, 64.7077, 53.6697)
contains.

XYZ(61.3089, 64.8427, 53.5405)	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(61.3089, 64.8427,
53.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD2B6
RGB	221, 210, 182
RGB Percent	87%, 82%, 71%
CMY	0.1333, 0.1764, 0.2863
CMYK	0.00, 0.05, 0.18, 0.13
HSL	43°, 36%, 79%
HSV	43°, 18%, 87%
XYZ	61.3089, 64.8427, 53.5405
YIQ	210.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

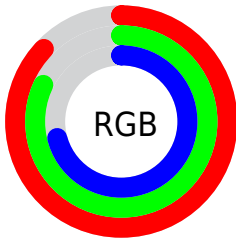
Format	Color
RYB	197, 221, 182
Decimal	14537398
CIELab	84.40, -0.76, 15.25
CIELCh	84, 15.267, 92.836
Yxy	64.8427, 0.3412, 0.3609
Android (android.graphics.Color)	4292727478 (0xFFDDD2B6)
YUV	210.0970, -13.8518, 9.5619
Hunter-Lab	80.5250, -5.0150, 16.9460

Details

The XYZ color **61.3089, 64.8427, 53.5405** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4124, 53.3044, 75.9863**, and the grayscale version is **61.4046, 64.6025, 70.3521**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **31.5768, 33.4689, 25.5647** is the 20% darker color. If you saturate the color by 10%, you get **57.6949, 60.9855, 41.9431**, and if you desaturate by 10%, it is **65.3468, 68.9697, 67.0591**.

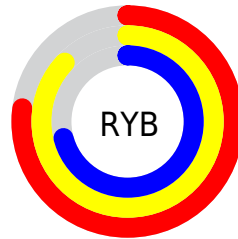
Distribution



Red (87%)

Green (82%)

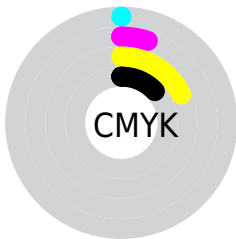
Blue (71%)



Red (77%)

Yellow (87%)

Blue (71%)

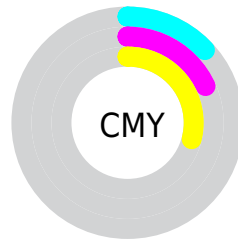


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (18%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3089, 64.8427, 53.5405 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 61.3089, 64.8427, 53.5405 by changing the saturation by 10% instead.

■ 61.3089, 64.8427,
53.5405

■ 61.3089, 64.8427,
53.5405

419.1635,
442.2265, 417.4803

■ 44.7280, 47.3335,
37.8437

■ 105.8217,
111.8237, 96.8488

■ 31.4436, 33.2994,
25.5605

134.4842,
142.0643, 125.2975

■ 21.0903, 22.3559,
16.2724

167.9047,
177.3175, 158.8338

■ 13.3029, 14.1187,
9.5607

206.4485,
217.9677, 197.8765

■ 7.7159, 8.2032,
5.0069

250.4809,
264.3993, 242.8439

■ 3.9640, 4.2253,
2.1925

300.3673,

■ 1.6818, 1.8004,

316.9967, 294.1547

0.6700

356.4731,
376.1443, 352.2273

■ 0.4448, 0.4874,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3089, 64.8427,
53.5405

■ 61.3089, 64.8427,
53.5405

■ 57.6949, 60.9855,
41.9431

■ 65.3468, 68.9697,
67.0591

■ 54.4820, 57.3813,
32.1736

■ 69.8198, 73.3654,
82.5778

■ 51.6531, 54.0244,
24.1374

■ 74.7451, 78.0400,
100.1764

■ 49.1876, 50.9054,
17.7294

■ 77.5571, 81.9683,
106.3415

■ 47.0627, 48.0141,
12.8331

■ 79.3717, 85.5976,
106.9464

■ 45.2527, 45.3390,
9.3165

■ 81.2495, 89.3531,
107.5723

■ 43.7274, 42.8669,
7.0247

■ 83.1909, 93.2361,
108.2195

■ 42.4458, 40.5801,
5.7450

■ 83.6290, 94.1123,
108.3655

■ 42.1642, 40.0627,
5.5106

Harmonies

Analogous

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



64.6571, 64.8427, 55.2528



61.3089, 64.8427, 53.5405



58.1615, 64.8427, 56.0414

Triad

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



61.3089, 64.8427, 53.5405



56.3114, 64.8427, 81.2239



67.6183, 64.8427, 79.4790

Complementary

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



61.3089, 64.8427, 53.5405



51.4124, 53.3044, 75.9863

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.



65.2359, 64.8427, 87.4902



61.3089, 64.8427, 53.5405



58.7009, 64.8427, 88.5608

Square

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



61.3089, 64.8427, 53.5405



55.3433, 64.8427, 71.5309



61.9543, 64.8427, 90.9518



68.3779, 64.8427, 69.6825

Rectangle

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



61.3089, 64.8427, 53.5405



56.5779, 64.8427, 59.9085



61.9543, 64.8427, 90.9518



66.9765, 64.8427, 82.4993

Sweetspot

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



61.3106, 64.8456, 53.5419



91.9285, 96.9337, 98.0663



56.1787, 52.6814, 57.6897



19.5853, 20.6572, 20.6766



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.



61.3106, 64.8456, 53.5419



82.9669, 87.7608, 68.1030



61.6108, 69.1699, 54.3607



13.8358, 14.6110, 13.8166



24.5941, 23.4738, 3.2346



1.6649, 1.6640, 0.2334

Inverse Universe

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



51.4124, 53.3044, 75.9863



66.9550, 69.0929, 104.4151



51.1277, 49.6824, 75.3021



12.6361, 13.2120, 16.5363



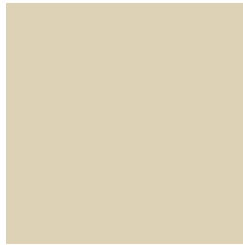
8.6753, 5.2200, 40.2887



0.6343, 0.4828, 2.6342

Previews

White Background



This preview shows how the XYZ color 61.3089, 64.8427, 53.5405 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 61.3089, 64.8427, 53.5405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

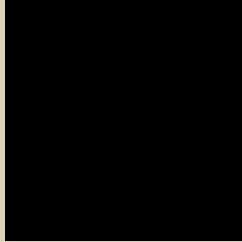
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

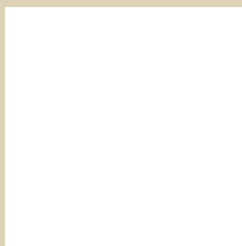
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3089, 64.8427, 53.5405

Background



This preview shows how black text looks on a background with the XYZ color 61.3089, 64.8427, 53.5405.

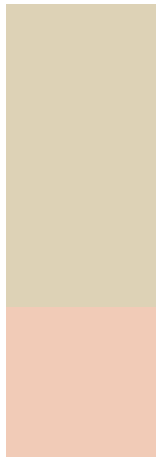


This preview shows how white text looks on a background with the XYZ color 61.3089, 64.8427,

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

61.3089, 64.8427, 53.5405

Protanopia

61.3089, 64.8427, 53.5405

Deuteranopia

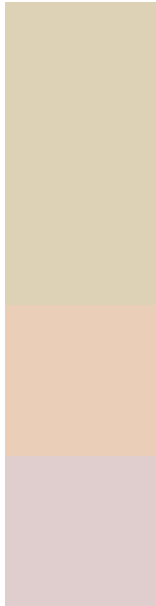
66.1788, 64.8315, 53.8255



Tritanopia

66.0080, 64.5749, 77.3918

Trichromacy



Original Color

61.3089, 64.8427, 53.5405

Protanomaly

61.3089, 64.8427, 53.5405

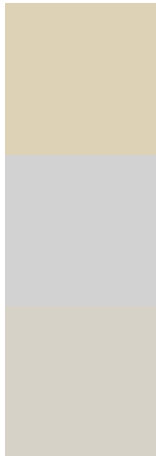
Deuteranomaly

64.5502, 65.0539, 53.9542

Tritanomaly

64.0743, 64.4949, 68.1032

Monochromacy



Original Color

61.3089, 64.8427, 53.5405

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2035, 64.5595, 63.8790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3089, 64.8427, 53.5405 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(221, 210, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 182)  
}
```

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(221, 210, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.3089, 64.8427, 53.5405 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(221, 210, 182) }
```


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

```
.border{ border-color:rgb(221, 210, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 210, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3089, 64.8427, 53.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 182) }
```

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

```
.background{ background-color: rgb(221,  
210, 182) }
```

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