

Converting Colors

XYZ(55.6254, 60.6626, 32.8614)

Have a look what the booklet for
XYZ(55.6254, 60.6626, 32.8614)
contains.

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Color

**XYZ(55.6322, 60.5577,
32.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC8A
RGB	219, 205, 138
RGB Percent	86%, 80%, 54%
CMY	0.1412, 0.1961, 0.4588
CMYK	0.00, 0.06, 0.37, 0.14
HSL	50°, 53%, 70%
HSV	50°, 37%, 86%
XYZ	55.6322, 60.5577, 32.8014
YIQ	201.5480, 29.8510, -17.8690

Conversions

Conversions Part 2

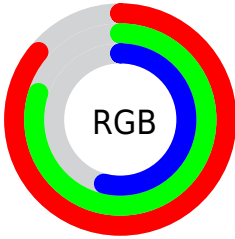
Format	Color
RYB	155, 219, 138
Decimal	14405002
CIELab	82.14, -4.77, 35.13
CIELCh	82, 35.457, 97.735
Yxy	60.5577, 0.3734, 0.4065
Android (android.graphics.Color)	4292595082 (0xFFD8CD8A)
YUV	201.5480, -31.3292, 15.3054
Hunter-Lab	77.8188, -8.5744, 29.4819

Details

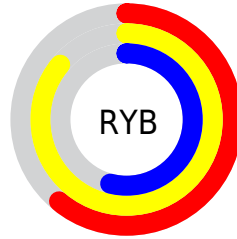
The XYZ color **55.6322, 60.5577, 32.8014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.4954, 32.9732, 71.5643**, and the grayscale version is **56.0346, 58.9528, 64.1995**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **27.8912, 30.6079, 13.4547** is the 20% darker color. If you saturate the color by 10%, you get **53.3102, 58.2002, 24.9782**, and if you desaturate by 10%, it is **58.2989, 63.0924, 42.3182**.

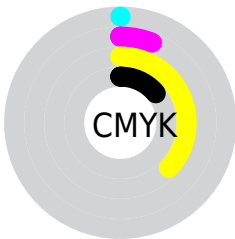
Distribution



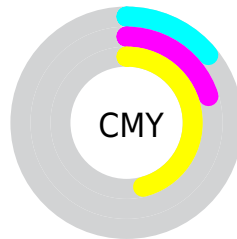
- Red (86%)
- Green (80%)
- Blue (54%)



- Red (61%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (6%)
- Yellow (37%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6322, 60.5577, 32.8014 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 55.6322, 60.5577, 32.8014 by changing the saturation by 10% instead.


 55.6322, 60.5577,
32.8014

 55.6322, 60.5577,
32.8014


398.4015,
426.6504, 329.3584


 40.1440, 43.8683,
21.7045


 97.6095, 105.6383,
65.1778

 27.8355, 30.5670,
13.4437


 124.8294,
134.7982, 87.2943

 18.3415, 20.2694,
7.6005

 156.6904,
168.8838, 113.9211

 11.2966, 12.5910,
3.7563

193.5580,
208.2795, 145.4768

 6.3355, 7.1475,
1.4926

235.7976,
253.3696, 182.3798

 3.0927, 3.5545,
0.2124

283.7744,

 1.2030, 1.4276,

304.5385, 225.0487

0.0000

337.8540,
362.1706, 273.9021

■ 0.1087, 0.2370,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6322, 60.5577,
32.8014

■ 55.6322, 60.5577,
32.8014

■ 53.3102, 58.2002,
24.9782

■ 58.2989, 63.0924,
42.3182

■ 51.3088, 56.0036,
18.7428

■ 61.3235, 65.8034,
53.6180

■ 49.6080, 53.9618,
13.9837

■ 64.7242, 68.7003,
66.7887

■ 48.1833, 52.0647,
10.5733

■ 68.5165, 71.7895,
81.9111

■ 47.0063, 50.3008,
8.3619

■ 72.7149, 75.0773,
99.0613

■ 46.0397, 48.6547,
7.1543

■ 74.9266, 77.6065,
105.6382

■ 45.7704, 48.1739,
6.8861

■ 75.9773, 79.7077,
105.9884

■ 77.0508, 81.8548,
106.3463

■ 78.1474, 84.0480,
106.7118

Harmonies

Analogous

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



63.2182, 60.5577, 34.5347



55.6322, 60.5577, 32.8014



49.1470, 60.5577, 38.2878

Triad

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



55.6322, 60.5577, 32.8014



46.8538, 60.5577, 94.6980



72.0186, 60.5577, 82.9226

Complementary

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



55.6322, 60.5577, 32.8014



34.4954, 32.9732, 71.5643

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.



66.8784, 60.5577, 104.4516



55.6322, 60.5577, 32.8014



52.2466, 60.5577, 112.2176

Square

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



55.6322, 60.5577, 32.8014



44.3746, 60.5577, 71.6747



59.5283, 60.5577, 116.1302



73.1243, 60.5577, 60.5141

Rectangle

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



55.6322, 60.5577, 32.8014



46.1666, 60.5577, 46.1919



59.5283, 60.5577, 116.1302



70.6849, 60.5577, 90.6330

Sweetspot

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



55.6337, 60.5605, 32.8027



89.3316, 95.2701, 86.3175



44.0397, 35.5326, 34.6101



18.9798, 20.2719, 17.9298



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.



55.6337, 60.5605, 32.8027



76.0674, 83.0064, 37.9199



52.0010, 63.8817, 33.6352



13.9609, 14.8611, 13.8582



27.2110, 28.7075, 4.1069



1.8144, 1.9628, 0.2832

Inverse Universe

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



34.4954, 32.9732, 71.5643



42.2961, 38.9478, 99.8962



37.1130, 31.1475, 71.0739



12.5196, 12.9790, 16.4975



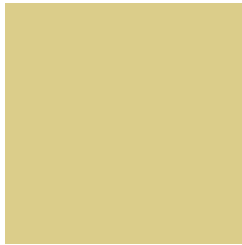
8.0448, 3.9591, 40.0786



0.5772, 0.3686, 2.6152

Previews

White Background



This preview shows how the XYZ color 55.6322, 60.5577, 32.8014 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 55.6322, 60.5577, 32.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

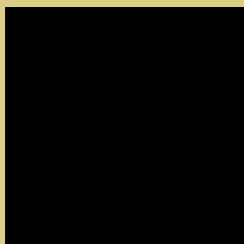
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

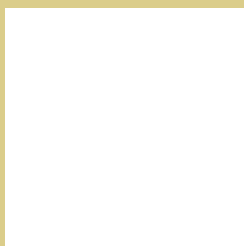
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6322, 60.5577, 32.8014

Background



This preview shows how black text looks on a background with the XYZ color 55.6322, 60.5577, 32.8014.



This preview shows how white text looks on a background with the XYZ color 55.6322, 60.5577,

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

55.6322, 60.5577, 32.8014

Protanopia

55.9991, 60.3929, 32.7503

Deuteranopia

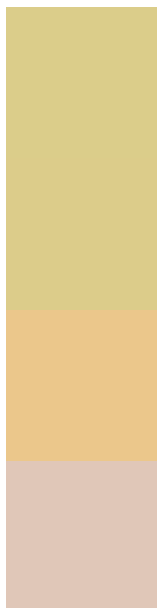
61.5570, 60.1568, 33.1780



Tritanopia

63.1764, 60.5139, 69.9786

Trichromacy



Original Color

55.6322, 60.5577, 32.8014

Protanomaly

55.6955, 60.2364, 32.7361

Deuteranomaly

59.3446, 60.3731, 32.9515

Tritanomaly

59.8156, 60.1548, 53.8058

Monochromacy



Original Color

55.6322, 60.5577, 32.8014

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5050, 59.3764, 51.1832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6322, 60.5577, 32.8014 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(219, 205, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 205, 138)  
}
```

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(219, 205, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 205, 138) }
```

Border

The CSS property to change the border of an element to XYZ 55.6322, 60.5577, 32.8014 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(219, 205, 138) }
```


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

```
.border{ border-color:rgb(219, 205, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 205, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 205, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 205, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 205,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6322, 60.5577, 32.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 205, 138) }
```

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

```
.background{ background-color: rgb(219,  
205, 138) }
```

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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