

Converting Colors

XYZ(54.9247, 60.4754, 31.9882)

Have a look what the booklet for
XYZ(54.9247, 60.4754, 31.9882)
contains.

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Color

**XYZ(55.1305, 60.6719,
32.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CE88
RGB	217, 206, 136
RGB Percent	85%, 81%, 53%
CMY	0.1490, 0.1921, 0.4667
CMYK	0.00, 0.05, 0.37, 0.15
HSL	52°, 52%, 69%
HSV	52°, 37%, 85%
XYZ	55.1305, 60.6719, 32.0977
YIQ	201.3090, 29.0260, -19.4380

Conversions

Conversions Part 2

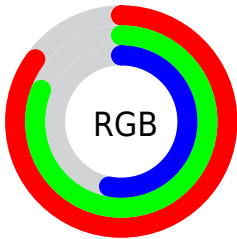
Format	Color
R_{YB}	149, 217, 136
Decimal	14274184
CIE _{Lab}	82.20, -6.30, 36.21
CIE _{LCh}	82, 36.751, 99.869
Yxy	60.6719, 0.3728, 0.4102
Android (android.graphics.Color)	4292464264 (0xFFD9CE88)
YUV	201.3090, -32.1973, 13.7610
Hunter-Lab	77.8922, -9.9726, 30.0924

Details

The XYZ color **55.1305, 60.6719, 32.0977** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.1112, 31.1105, 69.9054**, and the grayscale version is **55.8914, 58.8021, 64.0355**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **27.5659, 30.6894, 13.0651** is the 20% darker color. If you saturate the color by 10%, you get **53.0399, 58.7138, 24.5473**, and if you desaturate by 10%, it is **57.5497, 62.7870, 41.2994**.

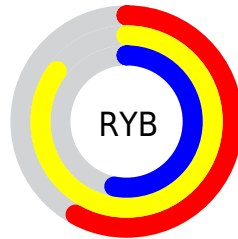
Distribution



Red (85%)

Green (81%)

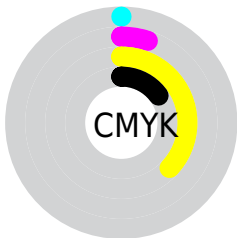
Blue (53%)



Red (58%)

Yellow (85%)

Blue (53%)

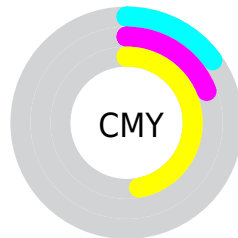


Cyan (0%)

Magenta (5%)

Yellow (37%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1305, 60.6719, 32.0977 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 55.1305, 60.6719, 32.0977 by changing the saturation by 10% instead.

■ 55.1305, 60.6719,
32.0977

■ 55.1305, 60.6719,
32.0977

396.5348,
427.0700, 326.0705

■ 39.7405, 43.9604,
21.1707

■ 96.8793, 105.8037,
64.0639

■ 27.5196, 30.6394,
13.0564

■ 123.9689,
134.9929, 85.9402

■ 18.1024, 20.3244,
7.3362

■ 155.6889,
169.1100, 112.3033

■ 11.1237, 12.6311,
3.5916

192.4049,
208.5396, 143.5718

■ 6.2180, 7.1750,
1.4041

234.4821,
253.6660, 180.1643

■ 3.0200, 3.5718,
0.1449

282.2859,

■ 1.1643, 1.4370,

304.8736, 222.4992

0.0000

336.1817,
362.5468, 270.9951

■ 0.0779, 0.2438,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1305, 60.6719,
32.0977

■ 55.1305, 60.6719,
32.0977

■ 53.0399, 58.7138,
24.5473

■ 57.5497, 62.7870,
41.2994

■ 51.2543, 56.8967,
18.5445

■ 60.3103, 65.0580,
52.2401

■ 49.7542, 55.2148,
13.9800

■ 63.4301, 67.4940,
65.0059

■ 48.5155, 53.6584,
10.7282

■ 66.9242, 70.1014,
79.6759

■ 47.5105, 52.2163,
8.6423

■ 70.8068, 72.8859,
96.3247

■ 46.7015, 50.8733,
7.5247

■ 73.2346, 75.1103,
105.2456

■ 46.5015, 50.5242,
7.3013

■ 74.0316, 76.7044,
105.5113

■ 74.8424, 78.3259,
105.7815

■ 75.6670, 79.9752,
106.0564

Harmonies

Analogous

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



62.9923, 60.6719, 33.3443



55.1305, 60.6719, 32.0977



48.5642, 60.6719, 38.2401

Triad

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



55.1305, 60.6719, 32.0977



46.8897, 60.6719, 97.6517



72.9504, 60.6719, 81.9999

Complementary

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



55.1305, 60.6719, 32.0977



33.1112, 31.1105, 69.9054

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.



67.8412, 60.6719, 104.8831



55.1305, 60.6719, 32.0977



52.6503, 60.6719, 115.2407

Square

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



55.1305, 60.6719, 32.0977



44.0985, 60.6719, 73.7121



60.2798, 60.6719, 118.1507



73.7667, 60.6719, 58.9593

Rectangle

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



55.1305, 60.6719, 32.0977



45.6271, 60.6719, 46.7351



60.2798, 60.6719, 118.1507



71.6575, 60.6719, 90.0932

Sweetspot

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



55.1320, 60.6747, 32.0990



89.6556, 95.9181, 86.4255



42.7770, 34.5036, 32.4853



19.0575, 20.4272, 17.9557



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.



55.1320, 60.6747, 32.0990



76.9830, 85.1426, 37.2844



50.1566, 62.1775, 32.6513



14.0037, 14.9467, 13.8725



28.2067, 30.6990, 4.4389



1.8699, 2.0739, 0.3018

Inverse Universe

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



33.1112, 31.1105, 69.9054



40.7666, 36.5357, 99.5112



36.7113, 30.5486, 69.6072



12.4805, 12.9008, 16.4844



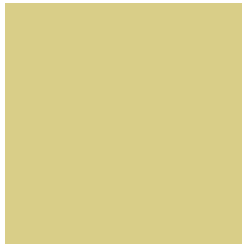
7.8988, 3.6670, 40.0299



0.5588, 0.3317, 2.6090

Previews

White Background



This preview shows how the XYZ color 55.1305, 60.6719, 32.0977 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 55.1305, 60.6719, 32.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

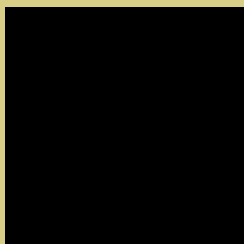
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1305, 60.6719, 32.0977

Background



This preview shows how black text looks on a background with the XYZ color 55.1305, 60.6719, 32.0977.



This preview shows how white text looks on a background with the XYZ color 55.1305, 60.6719,

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

55.1305, 60.6719, 32.0977

Protanopia

56.0902, 60.4646, 31.6362

Deuteranopia

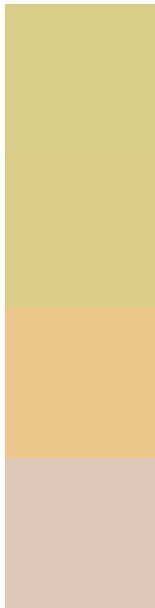
61.9836, 60.7273, 32.4994



Tritanopia

63.2139, 60.8547, 70.7018

Trichromacy



Original Color

55.1305, 60.6719, 32.0977

Protanomaly

55.7197, 60.6276, 31.6872

Deuteranomaly

59.4306, 60.7769, 32.2657

Tritanomaly

59.7374, 60.4572, 53.8683

Monochromacy



Original Color

55.1305, 60.6719, 32.0977

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0239, 59.1516, 50.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1305, 60.6719, 32.0977 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(217, 206, 136)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 136)  
}
```

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(217, 206, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 136) }
```

Border

The CSS property to change the border of an element to XYZ 55.1305, 60.6719, 32.0977 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(217, 206, 136) }
```


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

```
.border{ border-color:rgb(217, 206, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 136);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1305, 60.6719, 32.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 136) }
```

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

```
.background{ background-color: rgb(217,  
206, 136) }
```

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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