

Converting Colors

XYZ(55.8211, 60.0485, 44.2597)

Have a look what the booklet for
XYZ(55.8211, 60.0485, 44.2597)
contains.

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Color

**XYZ(55.8250, 60.0485,
44.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CCA5
RGB	213, 204, 165
RGB Percent	84%, 80%, 65%
CMY	0.1647, 0.2000, 0.3529
CMYK	0.00, 0.04, 0.23, 0.16
HSL	49°, 36%, 74%
HSV	49°, 23%, 84%
XYZ	55.8250, 60.0485, 44.2455
YIQ	202.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

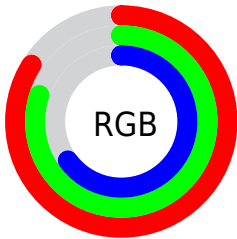
Format	Color
RYB	176, 213, 165
Decimal	14011557
CIELab	81.86, -3.10, 20.59
CIELCh	82, 20.826, 98.562
Yxy	60.0485, 0.3486, 0.3750
Android (android.graphics.Color)	4292201637 (0xFFD5CCA5)
YUV	202.2450, -18.3618, 9.4321
Hunter-Lab	77.4910, -7.0166, 20.3905

Details

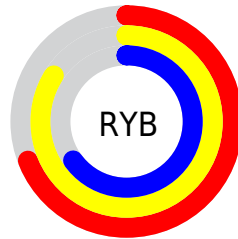
The XYZ color **55.8250, 60.0485, 44.2455** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6632, 43.0745, 69.0168**, and the grayscale version is **56.3966, 59.3336, 64.6143**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **27.9875, 30.2740, 19.9912** is the 20% darker color. If you saturate the color by 10%, you get **53.1094, 57.4656, 34.5589**, and if you desaturate by 10%, it is **58.8910, 62.8146, 55.6433**.

Distribution



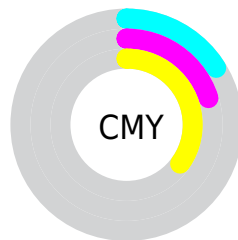
- Red (84%)
- Green (80%)
- Blue (65%)



- Red (69%)
- Yellow (84%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8250, 60.0485, 44.2455 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 55.8250, 60.0485, 44.2455 by changing the saturation by 10% instead.

■ 55.8250, 60.0485,
44.2455

■ 55.8250, 60.0485,
44.2455

399.1174,
424.7765, 379.7798

■ 40.2991, 43.4577,
30.5249

■ 97.8900, 104.9000,
82.8934

■ 27.9571, 30.2444,
19.9820

■ 125.1597,
133.9296, 108.6579

■ 18.4336, 20.0242,
12.1980

157.0748,
167.8741, 139.2741

■ 11.3633, 12.4126,
6.7545

194.0005,
207.1182, 175.1606

■ 6.3808, 7.0253,
3.2329

236.3023,
252.0460, 216.7358

■ 3.1209, 3.4780,
1.2148

284.3455,

■ 1.2180, 1.3861,

303.0421, 264.4184

0.0000

338.4954,
360.4908, 318.6269

■ 0.1205, 0.2064,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8250, 60.0485,
44.2455

■ 55.8250, 60.0485,
44.2455

■ 53.1094, 57.4656,
34.5589

■ 58.8910, 62.8146,
55.6433

■ 50.7234, 55.0511,
26.4956

■ 62.3176, 65.7621,
68.8268

■ 48.6510, 52.8004,
19.9653

■ 66.1208, 68.8996,
83.8709

■ 46.8728, 50.7054,
14.8677

■ 70.3137, 72.2329,
100.8450

■ 45.3675, 48.7573,
11.0902

■ 72.1367, 74.6582,
105.2162

■ 44.1102, 46.9458,
8.5035

■ 73.2219, 76.8286,
105.5779

■ 43.0713, 45.2589,
6.9521

■ 74.3325, 79.0498,
105.9481

■ 42.4003, 44.0654,
6.2707

■ 75.4687, 81.3221,
106.3268

■ 76.6305, 83.6457,
106.7141

Harmonies

Analogous

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



60.2201, 60.0485, 45.3375



55.8250, 60.0485, 44.2455



51.9653, 60.0485, 48.2202

Triad

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



55.8250, 60.0485, 44.2455



50.7162, 60.0485, 81.6650



65.3100, 60.0485, 74.6364

Complementary

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



55.8250, 60.0485, 44.2455



42.6632, 43.0745, 69.0168

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.



62.5077, 60.0485, 86.1991



55.8250, 60.0485, 44.2455



54.0400, 60.0485, 90.6057

Square

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



55.8250, 60.0485, 44.2455



49.1165, 60.0485, 69.0536



58.3421, 60.0485, 92.3636



65.8483, 60.0485, 61.8441

Rectangle

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



55.8250, 60.0485, 44.2455



50.1614, 60.0485, 53.5507



58.3421, 60.0485, 92.3636



64.5949, 60.0485, 78.8403

Sweetspot

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



55.8266, 60.0512, 44.2468



91.2501, 96.7874, 94.1082



48.5949, 44.1366, 46.3105



19.4640, 20.6586, 19.8839



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.



55.8266, 60.0512, 44.2468



81.9000, 88.3737, 59.2793



54.0335, 62.3931, 44.7933



13.2658, 14.1058, 13.1842



25.9702, 27.0577, 3.8539



1.6187, 1.7366, 0.2499

Inverse Universe

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



42.6632, 43.0745, 69.0168



58.7717, 58.5490, 102.8112



44.1491, 41.3466, 68.6050



11.9290, 12.3815, 15.6987



7.8534, 3.9685, 38.8052



0.5307, 0.3534, 2.3595

Previews

White Background



This preview shows how the XYZ color 55.8250, 60.0485, 44.2455 looks on a white background.

Color Contrast Check

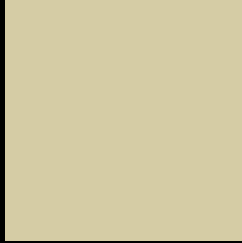
Large Text (above 18pt) WCAG AA × Fail

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 55.8250, 60.0485, 44.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

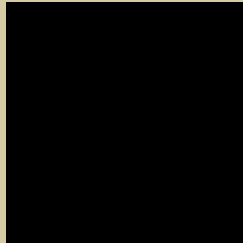
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8250, 60.0485, 44.2455

Background



This preview shows how black text looks on a background with the XYZ color 55.8250, 60.0485, 44.2455.

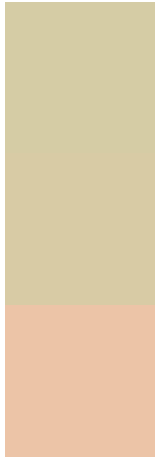


This preview shows how white text looks on a background with the XYZ color 55.8250, 60.0485,

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

55.8250, 60.0485, 44.2455

Protanopia

56.4664, 60.0274, 44.2077

Deuteranopia

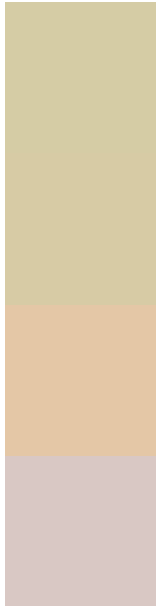
61.3071, 60.1027, 44.9290



Tritanopia

61.1899, 59.7967, 71.2676

Trichromacy



Original Color

55.8250, 60.0485, 44.2455

Protanomaly

56.1718, 59.8756, 44.1939

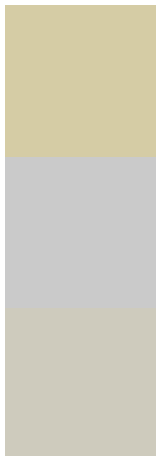
Deuteranomaly

59.3013, 60.0940, 44.5502

Tritanomaly

59.2334, 60.0458, 60.6926

Monochromacy



Original Color

55.8250, 60.0485, 44.2455

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9948, 59.5078, 56.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8250, 60.0485, 44.2455 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(213, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 165)  
}
```

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(213, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 165) }
```

Border

The CSS property to change the border of an element to XYZ 55.8250, 60.0485, 44.2455 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(213, 204, 165) }
```


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

```
.border{ border-color:rgb(213, 204, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 204, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 204, 165); box-shadow:4px 4px 4px 4px rgb(213, 204, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8250, 60.0485, 44.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 165) }
```

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

```
.background{ background-color: rgb(213,  
204, 165) }
```

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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