

Converting Colors

XYZ(50.9240, 54.9343, 43.8220)

Have a look what the booklet for
XYZ(50.9240, 54.9343, 43.8220)
contains.

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Color

**XYZ(50.9366, 55.1032,
44.0277)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5A6
RGB	201, 197, 166
RGB Percent	79%, 77%, 65%
CMY	0.2118, 0.2274, 0.3490
CMYK	0.00, 0.02, 0.17, 0.21
HSL	53°, 24%, 72%
HSV	53°, 17%, 79%
XYZ	50.9366, 55.1032, 44.0277
YIQ	194.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

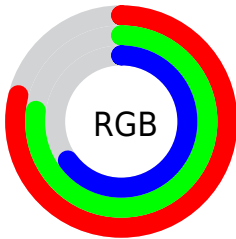
Format	Color
RYB	171, 201, 166
Decimal	13223334
CIELab	79.10, -3.78, 16.07
CIELCh	79, 16.512, 103.251
Yxy	55.1032, 0.3394, 0.3672
Android (android.graphics.Color)	4291413414 (0xFFC9C5A6)
YUV	194.6620, -14.1304, 5.5584
Hunter-Lab	74.2315, -7.4211, 16.7964

Details

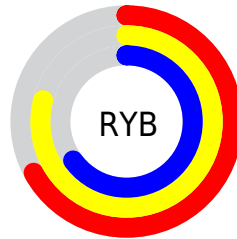
The XYZ color **50.9366, 55.1032, 44.0277** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6431, 41.0726, 61.0445**, and the grayscale version is **51.7481, 54.4431, 59.2885**.

A 20% lighter version of the original color is **89.7330, 97.3641, 82.4703**, and **24.8923, 27.0629, 19.8313** is the 20% darker color. If you saturate the color by 10%, you get **48.7185, 53.3904, 34.8916**, and if you desaturate by 10%, it is **53.4538, 56.9520, 54.6866**.

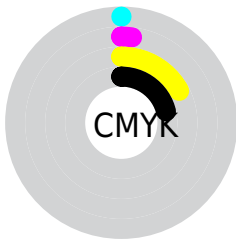
Distribution



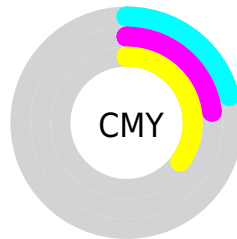
- Red (79%)
- Green (77%)
- Blue (65%)



- Red (67%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (21%)





- Cyan (21%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9366, 55.1032, 44.0277 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 50.9366, 55.1032, 44.0277 by changing the saturation by 10% instead.

 50.9366, 55.1032,
44.0277


 50.9366, 55.1032,
44.0277


380.7091,
406.3030, 378.8660

 36.3790, 39.4844,
30.3549


 90.7446, 97.6921,
82.5623

 24.8985, 27.1367,
19.8538


 116.7257,
125.4310, 108.2613

 16.1298, 17.6759,
12.1058


147.2453,
157.9787, 138.8061

 9.7075, 10.7176,
6.6924

182.6689,
195.7196, 174.6152

 5.2662, 5.8773,
3.1949

223.3617,
239.0381, 216.1072

 2.4406, 2.7706,
1.1950

269.6891,

 0.8654, 1.0132,

288.3185, 263.7006

0.0000

322.0164,
343.9454, 317.8140

■ 0.0000, 0.0000,
0.0000

■ 50.9366, 55.1032,
44.0277

■ 50.9366, 55.1032,
44.0277

■ 48.7185, 53.3904,
34.8916

■ 53.4538, 56.9520,
54.6866

■ 46.7817, 51.8009,
27.2045

■ 56.2782, 58.9346,
66.9304

■ 45.1133, 50.3314,
20.8916

■ 59.4230, 61.0582,
80.8223

■ 43.6974, 48.9753,
15.8702

■ 62.8995, 63.3273,
96.4207

■ 42.5167, 47.7259,
12.0486

■ 64.8103, 64.9831,
103.7349

■ 41.5514, 46.5750,
9.3232

■ 65.3755, 66.1135,
103.9233

■ 40.7784, 45.5133,
7.5725

■ 65.9489, 67.2603,
104.1144

■ 40.1656, 44.5281,
6.6272

■ 66.5305, 68.4234,
104.3082

■ 40.0187, 44.2798,
6.4376

■ 67.1202, 69.6029,
104.5048

Harmonies

Analogous

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



54.2191, 55.1032, 44.2611



50.9366, 55.1032, 44.0277



48.1559, 55.1032, 47.7405

Triad

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



50.9366, 55.1032, 44.0277



47.8981, 55.1032, 73.2943



58.6712, 55.1032, 65.3746

Complementary

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



50.9366, 55.1032, 44.0277



40.6431, 41.0726, 61.0445

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.



56.8313, 55.1032, 74.1922



50.9366, 55.1032, 44.0277



50.5711, 55.1032, 79.0823

Square

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



50.9366, 55.1032, 44.0277



46.4518, 55.1032, 64.2493



53.8381, 55.1032, 79.4272



58.7791, 55.1032, 55.9385

Rectangle

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



50.9366, 55.1032, 44.0277



46.9231, 55.1032, 52.2040



53.8381, 55.1032, 79.4272



58.2314, 55.1032, 68.5316

Sweetspot

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



50.9381, 55.1056, 44.0289



92.6020, 98.2806, 98.2908



44.9878, 42.5961, 43.9230



19.7494, 20.9854, 20.7313



0.0000, 0.0000, 0.0000



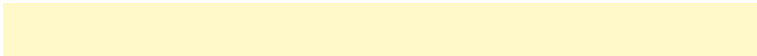
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.9381, 55.1056, 44.0289



85.6763, 93.1795, 69.0061



48.4067, 55.1655, 44.1738



11.4165, 12.2022, 11.3163



25.2048, 27.9268, 4.0620



1.2236, 1.3826, 0.2024

Inverse Universe

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



40.6431, 41.0726, 61.0445



64.7081, 64.5991, 103.6661



42.8663, 41.1237, 60.9371



10.1526, 10.4792, 13.4051



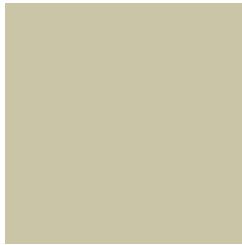
6.8555, 3.1049, 34.9823



0.3581, 0.2140, 1.6676

Previews

White Background



This preview shows how the XYZ color 50.9366, 55.1032, 44.0277 looks on a white background.

Color Contrast Check

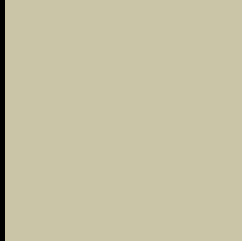
Large Text (above 18pt) WCAG AA × Fail

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 50.9366, 55.1032, 44.0277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

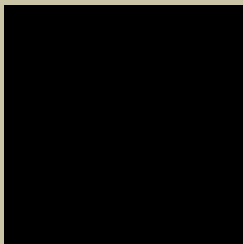
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

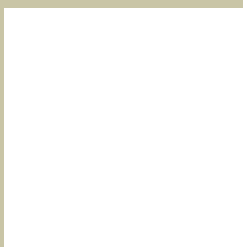
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9366, 55.1032, 44.0277

Background



This preview shows how black text looks on a background with the XYZ color 50.9366, 55.1032, 44.0277.



This preview shows how white text looks on a background with the XYZ color 50.9366, 55.1032,

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

50.9366, 55.1032, 44.0277

Protanopia

51.7602, 54.8686, 43.4600

Deuteranopia

56.1024, 54.8011, 44.6665



Tritanopia

55.2250, 54.8396, 66.0670

Trichromacy



Original Color

50.9366, 55.1032, 44.0277

Protanomaly

51.4333, 55.0338, 43.5091

Deuteranomaly

53.9248, 54.6506, 44.2657

Tritanomaly

53.3758, 54.7389, 57.0427

Monochromacy



Original Color

50.9366, 55.1032, 44.0277

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4176, 54.8109, 53.2170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9366, 55.1032, 44.0277 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(201, 197, 166)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 166)  
}
```

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(201, 197, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 166) }
```

Border

The CSS property to change the border of an element to XYZ 50.9366, 55.1032, 44.0277 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(201, 197, 166) }
```


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

```
.border{ border-color:rgb(201, 197, 166) }
```

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

Here you see how a box with a 4 pixel rgb(201, 197, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 166);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9366, 55.1032, 44.0277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 166) }
```

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

```
.background{ background-color: rgb(201,  
197, 166) }
```

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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