

Converting Colors

XYZ(47.3052, 55.2554, 21.4705)

Have a look what the booklet for
XYZ(47.3052, 55.2554, 21.4705)
contains.

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Color

**XYZ(47.2559, 55.0726,
21.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C969
RGB	200, 201, 105
RGB Percent	78%, 79%, 41%
CMY	0.2157, 0.2117, 0.5882
CMYK	0.01, 0.00, 0.48, 0.21
HSL	61°, 47%, 60%
HSV	61°, 48%, 79%
XYZ	47.2559, 55.0726, 21.5040
YIQ	189.7570, 30.2200, -30.0680

Conversions

Conversions Part 2

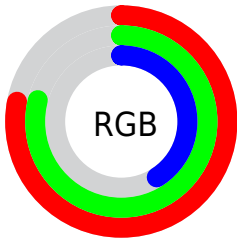
Format	Color
RYB	105, 201, 106
Decimal	13158761
CIELab	79.08, -13.74, 47.47
CIELCh	79, 49.413, 106.141
Yxy	55.0726, 0.3816, 0.4447
Android (android.graphics.Color)	4291348841 (0xFFC8C969)
YUV	189.7570, -41.7852, 8.9831
Hunter-Lab	74.2109, -16.2042, 34.7673

Details

The XYZ color **47.2559, 55.0726, 21.5040** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.5399, 17.3856, 57.4822**, and the grayscale version is **49.0255, 51.5787, 56.1692**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **22.6012, 27.0631, 7.5225** is the 20% darker color. If you saturate the color by 10%, you get **46.2869, 54.6805, 16.6888**, and if you desaturate by 10%, it is **48.4718, 55.5675, 27.6075**.

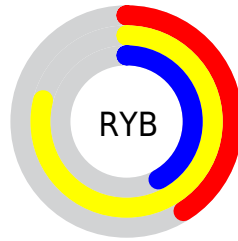
Distribution



Red (78%)

Green (79%)

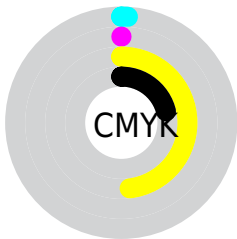
Blue (41%)



Red (41%)

Yellow (79%)

Blue (42%)

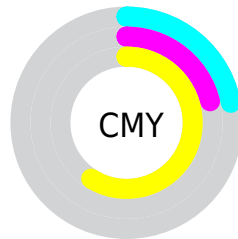


Cyan (1%)

Magenta (0%)

Yellow (48%)

Black (21%)



Cyan (22%)

Magenta (21%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2559, 55.0726, 21.5040 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 47.2559, 55.0726, 21.5040 by changing the saturation by 10% instead.

■ 47.2559, 55.0726,
21.5040

■ 47.2559, 55.0726,
21.5040

366.4669,
406.1871, 272.8135

■ 33.4468, 39.4599,
13.2981

■ 85.3119, 97.6473,
46.8165

■ 22.6298, 27.1176,
7.5010

■ 110.2895,
125.3781, 64.7601

■ 14.4396, 17.6616,
3.6942

■ 139.7206,
157.9170, 86.7867

■ 8.5108, 10.7073,
1.4591

■ 173.9707,
195.6484, 113.3148

■ 4.4780, 5.8704,
0.1872

213.4050,
238.9567, 144.7631

■ 1.9760, 2.7664,
0.0000

258.3889,

■ 0.6204, 1.0110,

288.2263, 181.5499

0.0000

309.2877,
343.8416, 224.0938

■ 0.0000, 0.0000,
0.0000

■ 47.2559, 55.0726,
21.5040

■ 47.2559, 55.0726,
21.5040

■ 46.2869, 54.6805,
16.6888

■ 48.4718, 55.5675,
27.6075

■ 45.5434, 54.3766,
13.0663

■ 49.9465, 56.1638,
35.0787

■ 45.0069, 54.1555,
10.5335


■ 51.6956, 56.8700,
43.9950


■ 44.6542, 54.0080,
8.9683


■ 53.7326, 57.6913,
54.4268


■ 44.4518, 53.9206,
8.1941


■ 56.0700, 58.6328,
66.4400

 44.4146, 53.9043,
8.0637

 58.7195, 59.6992,
80.0965

 61.6923, 60.8949,
95.4550

 63.2096, 61.5083,
103.1485

 63.2665, 61.5377,
103.1512

Harmonies

Analogous

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



57.0123, 55.0726, 21.2232



47.2559, 55.0726, 21.5040



39.8456, 55.0726, 29.6942

Triad

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



47.2559, 55.0726, 21.5040



40.2916, 55.0726, 108.1751



72.9626, 55.0726, 73.9136

Complementary

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



47.2559, 55.0726, 21.5040



21.5399, 17.3856, 57.4822

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.



67.2178, 55.0726, 105.9285



47.2559, 55.0726, 21.5040



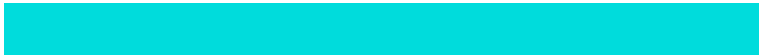
47.9393, 55.0726, 129.5186

Square

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



47.2559, 55.0726, 21.5040



36.1829, 55.0726, 76.3371



57.7866, 55.0726, 128.5871



72.7194, 55.0726, 46.1185

Rectangle

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



47.2559, 55.0726, 21.5040



36.8687, 55.0726, 40.5972



57.7866, 55.0726, 128.5871



71.6395, 55.0726, 84.6804

Sweetspot

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



47.2572, 55.0751, 21.5051



89.6883, 97.8394, 81.3829



31.6906, 23.5419, 16.2391



19.0396, 20.8782, 16.6144



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.



47.2572, 55.0751, 21.5051



79.2376, 93.6106, 28.5445



36.5755, 49.5685, 21.0052



11.5125, 12.4111, 11.3516



27.9298, 33.8936, 5.0701



1.3261, 1.6067, 0.2402

Inverse Universe

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



21.5399, 17.3856, 57.4822



30.1655, 21.6872, 97.2039



28.7327, 21.0937, 57.8188



10.0668, 10.2927, 13.3736



6.6502, 2.6625, 34.9078



0.3186, 0.1280, 1.6531

Previews

White Background



This preview shows how the XYZ color 47.2559, 55.0726, 21.5040 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 47.2559, 55.0726, 21.5040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

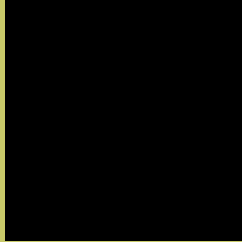
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2559, 55.0726, 21.5040

Background



This preview shows how black text looks on a background with the XYZ color 47.2559, 55.0726, 21.5040.



This preview shows how white text looks on a background with the XYZ color 47.2559, 55.0726,

21.5040.

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

47.2559, 55.0726, 21.5040

Protanopia

50.5070, 55.0581, 20.7972

Deuteranopia

56.1272, 54.9955, 22.1250



Tritanopia

56.2969, 55.0836, 65.4226

Trichromacy



Original Color

47.2559, 55.0726, 21.5040

Protanomaly

49.2711, 55.0893, 21.1331

Deuteranomaly

52.6077, 54.7895, 21.9901

Tritanomaly

52.1853, 54.7135, 45.3464

Monochromacy



Original Color

47.2559, 55.0726, 21.5040

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.7979, 52.5561, 40.4260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2559, 55.0726, 21.5040 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(200, 201, 105)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 105)  
}
```

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(200, 201, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 105) }
```

Border

The CSS property to change the border of an element to XYZ 47.2559, 55.0726, 21.5040 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(200, 201, 105) }
```


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

```
.border{ border-color:rgb(200, 201, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 105);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2559, 55.0726, 21.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 105) }
```

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

```
.background{ background-color: rgb(200,  
201, 105) }
```

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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