

Converting Colors

XYZ(50.7415, 55.0840, 25.0975)

Have a look what the booklet for
XYZ(50.7415, 55.0840, 25.0975)
contains.

XYZ(50.7415, 55.0840, 25.0975)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.7415, 55.0840,
25.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C476
RGB	214, 196, 118
RGB Percent	84%, 77%, 46%
CMY	0.1608, 0.2314, 0.5372
CMYK	0.00, 0.08, 0.45, 0.16
HSL	49°, 54%, 65%
HSV	49°, 45%, 84%
XYZ	50.7415, 55.0840, 25.0975
YIQ	192.4900, 35.7660, -20.4420

Conversions

Conversions Part 2

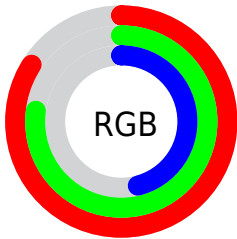
Format	Color
R _Y B	140, 214, 118
Decimal	14074998
CIE Lab	79.09, -4.26, 41.32
CIE LCh	79, 41.539, 95.881
Yxy	55.0840, 0.3876, 0.4207
Android (android.graphics.Color)	4292265078 (0xFFD6C476)
YUV	192.4900, -36.7236, 18.8643
Hunter-Lab	74.2186, -7.8463, 31.9037

Details

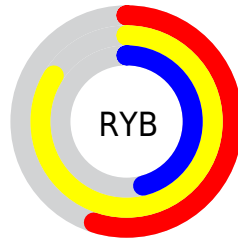
The XYZ color **50.7415, 55.0840, 25.0975** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.4128, 26.3141, 67.1998**, and the grayscale version is **50.5843, 53.2186, 57.9551**.

A 20% lighter version of the original color is **83.4011, 93.8211, 52.2417**, and **24.7705, 27.2304, 9.4193** is the 20% darker color. If you saturate the color by 10%, you get **48.7191, 52.8485, 18.8453**, and if you desaturate by 10%, it is **53.0794, 57.4884, 32.8793**.

Distribution



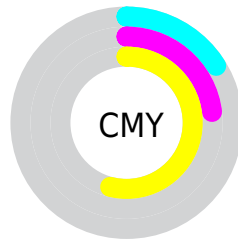
- Red (84%)
- Green (77%)
- Blue (46%)



- Red (55%)
- Yellow (84%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7415, 55.0840, 25.0975 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 50.7415, 55.0840, 25.0975 by changing the saturation by 10% instead.

■ 50.7415, 55.0840,
25.0975

■ 50.7415, 55.0840,
25.0975

379.9629,
406.2303, 291.7864

■ 36.2231, 39.4690,
15.9300

■ 90.4578, 97.6640,
52.7814

■ 24.7775, 27.1248,
9.3208

■ 116.3865,
125.3978, 72.1350

■ 16.0392, 17.6669,
4.8514

■ 146.8493,
157.9400, 95.7210

■ 9.6429, 10.7111,
2.1031

182.2116,
195.6749, 123.9579

■ 5.2233, 5.8729,
0.6176

222.8387,
238.9870, 157.2644

■ 2.4150, 2.7680,
0.0000

269.0961,

■ 0.8526, 1.0118,

288.2607, 196.0589

0.0000

321.3490,
343.8803, 240.7601

■ 0.0000, 0.0000,
0.0000

■ 50.7415, 55.0840,
25.0975

■ 50.7415, 55.0840,
25.0975

■ 48.7191, 52.8485,
18.8453

■ 53.0794, 57.4884,
32.8793

■ 46.9880, 50.7661,
14.0153

■ 55.7467, 60.0615,
42.2818

■ 45.5273, 48.8298,
10.4913

■ 58.7614, 62.8129,
53.3927

■ 44.3110, 47.0291,
8.1374

■ 62.1391, 65.7491,
66.2928

■ 43.3073, 45.3510,
6.7878

■ 65.8942, 68.8761,
81.0572

■ 42.8457, 44.5244,
6.3359

■ 70.0404, 72.1996,
97.7573

■ 72.4599, 74.8730,
105.2406

■ 73.5513, 77.0558,
105.6044

■ 74.6683, 79.2898,
105.9768

Harmonies

Analogous

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



59.1335, 55.0840, 27.2485



50.7415, 55.0840, 25.0975



43.5691, 55.0840, 30.1034

Triad

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



50.7415, 55.0840, 25.0975



40.4882, 55.0840, 90.8613



68.2696, 55.0840, 80.6014

Complementary

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



50.7415, 55.0840, 25.0975



28.4128, 26.3141, 67.1998

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.



62.2507, 55.0840, 105.0165



50.7415, 55.0840, 25.0975



46.1166, 55.0840, 111.9497

Square

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



50.7415, 55.0840, 25.0975



38.0639, 55.0840, 64.7707



54.0038, 55.0840, 117.7157



69.8402, 55.0840, 55.4261

Rectangle

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



50.7415, 55.0840, 25.0975



40.2521, 55.0840, 37.8678



54.0038, 55.0840, 117.7157



66.6707, 55.0840, 89.3547

Sweetspot

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



50.7428, 55.0866, 25.0986



88.2144, 94.1452, 82.5243



38.7401, 29.0655, 27.3113



18.6533, 19.9484, 16.8048



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.



50.7428, 55.0866, 25.0986



72.5402, 78.6946, 28.2886



47.3727, 59.7403, 26.1745



13.2658, 14.1057, 13.1842



25.9692, 27.0557, 3.8535



1.6187, 1.7365, 0.2499

Inverse Universe

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



28.4128, 26.3141, 67.1998



35.2656, 30.7010, 98.6749



30.6134, 23.9972, 66.6366



11.9291, 12.3816, 15.6987



7.8536, 3.9689, 38.8053



0.5307, 0.3534, 2.3596

Previews

White Background



This preview shows how the XYZ color 50.7415, 55.0840, 25.0975 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 50.7415, 55.0840, 25.0975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

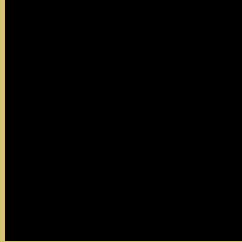
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7415, 55.0840, 25.0975

Background



This preview shows how black text looks on a background with the XYZ color 50.7415, 55.0840, 25.0975.



This preview shows how white text looks on a background with the XYZ color 50.7415, 55.0840,

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

50.7415, 55.0840, 25.0975

Protanopia

50.7415, 55.0840, 25.0975

Deuteranopia

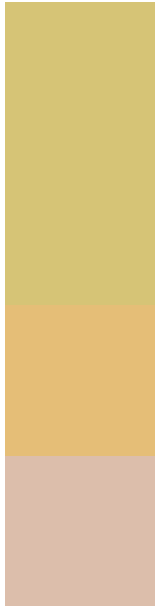
56.0855, 54.9012, 25.4103



Tritanopia

58.5329, 55.0228, 62.7938

Trichromacy



Original Color

50.7415, 55.0840, 25.0975

Protanomaly

50.7415, 55.0840, 25.0975

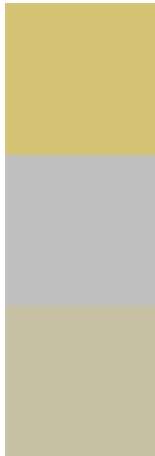
Deuteranomaly

54.0563, 54.8168, 25.1844

Tritanomaly

55.2793, 54.9828, 46.2273

Monochromacy



Original Color

50.7415, 55.0840, 25.0975

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.6809, 53.1359, 43.2351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7415, 55.0840, 25.0975 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(214, 196, 118)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 118)  
}
```

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(214, 196, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 118) }
```

Border

The CSS property to change the border of an element to XYZ 50.7415, 55.0840, 25.0975 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(214, 196, 118) }
```


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

```
.border{ border-color:rgb(214, 196, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 118);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7415, 55.0840, 25.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 118) }
```

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

```
.background{ background-color: rgb(214,  
196, 118) }
```

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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