

Converting Colors

XYZ(55.3864, 62.1864, 18.7569)

Have a look what the booklet for
XYZ(55.3864, 62.1864, 18.7569)
contains.

XYZ(55.3864, 62.1864, 18.7569)	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(55.3864, 62.1864,
18.7569)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D15A
RGB	224, 209, 90
RGB Percent	88%, 82%, 35%
CMY	0.1216, 0.1804, 0.6470
CMYK	0.00, 0.07, 0.60, 0.12
HSL	53°, 68%, 62%
HSV	53°, 60%, 88%
XYZ	55.3864, 62.1864, 18.7569
YIQ	199.9190, 47.1390, -33.8290

Conversions

Conversions Part 2

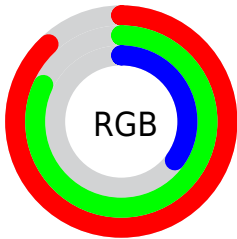
Format	Color
RYB	107, 224, 90
Decimal	14733658
CIELab	83.01, -9.15, 59.43
CIElCh	83, 60.128, 98.751
Yxy	62.1864, 0.4063, 0.4561
Android (android.graphics.Color)	4292923738 (0xFFE0D15A)
YUV	199.9190, -54.1901, 21.1190
Hunter-Lab	78.8584, -12.6321, 41.0984

Details

The XYZ color **55.3864, 62.1864, 18.7569** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **22.7226, 17.6582, 72.7314**, and the grayscale version is **55.1541, 58.0264, 63.1907**.

A 20% lighter version of the original color is **82.0340, 94.7936, 40.3589**, and **27.7360, 31.6652, 6.1635** is the 20% darker color. If you saturate the color by 10%, you get **53.9634, 60.6433, 14.2668**, and if you desaturate by 10%, it is **57.1093, 63.8696, 24.7654**.

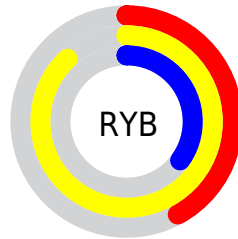
Distribution



Red (88%)

Green (82%)

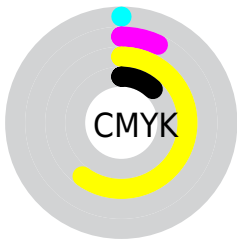
Blue (35%)



Red (42%)

Yellow (88%)

Blue (35%)

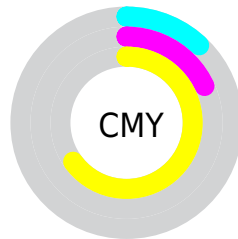


Cyan (0%)

Magenta (7%)

Yellow (60%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3864, 62.1864, 18.7569 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 55.3864, 62.1864, 18.7569 by changing the saturation by 10% instead.

■ 55.3864, 62.1864,
18.7569

■ 55.3864, 62.1864,
18.7569

397.4876,
432.6107, 257.4813

■ 39.9462, 45.1833,
11.3197

■ 97.2519, 107.9949,
42.1541

■ 27.6807, 31.6019,
6.1654

■ 124.4079,
137.5691, 58.9513

■ 18.2243, 21.0576,
2.8755

■ 156.2000,
172.1025, 79.7054

■ 11.2118, 13.1661,
1.0314

■ 192.9933,
211.9794, 104.8352

■ 6.2778, 7.5430,
0.0000

235.1535,
257.5843, 134.7592

■ 3.0570, 3.8040,
0.0000

283.0456,

■ 1.1840, 1.5645,

309.3016, 169.8958

0.0000

337.0352,
367.5156, 210.6636

■ 0.0937, 0.3335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3864, 62.1864,
18.7569

■ 55.3864, 62.1864,
18.7569

■ 53.9634, 60.6433,
14.2668

■ 57.1093, 63.8696,
24.7654

■ 52.8091, 59.2207,
11.1506


■ 59.1510, 65.6936,
32.4118


■ 51.8933, 57.9088,
9.2428


■ 61.5342, 67.6698,
41.8079


■ 51.1614, 56.6858,
8.2566


■ 64.2780, 69.8060,
53.0546

 51.1488, 56.6641,
8.2414

 67.4002, 72.1092,
66.2453

 70.9173, 74.5863,
81.4670

 74.8449, 77.2434,
98.8014

 76.8256, 79.1377,
105.8337

 77.5244, 80.5353,
106.0666

Harmonies

Analogous

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



68.6305, 62.1864, 20.5227



55.3864, 62.1864, 18.7569



44.8076, 62.1864, 25.8365

Triad

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



55.3864, 62.1864, 18.7569



41.6858, 62.1864, 123.0931



85.5811, 62.1864, 97.0913

Complementary

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



55.3864, 62.1864, 18.7569



22.7226, 17.6582, 72.7314

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.



76.1630, 62.1864, 140.2379



55.3864, 62.1864, 18.7569



50.5067, 62.1864, 158.6783

Square

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



55.3864, 62.1864, 18.7569



37.6937, 62.1864, 79.1893



62.9892, 62.1864, 165.8975



87.3953, 62.1864, 57.3981

Rectangle

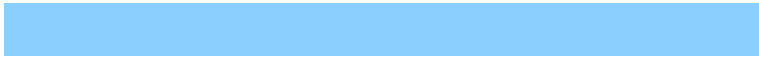
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.3864, 62.1864, 18.7569



40.2178, 62.1864, 36.9636



62.9892, 62.1864, 165.8975



83.1397, 62.1864, 112.0205

Sweetspot

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



55.3879, 62.1893, 18.7582



86.9044, 94.1551, 73.9799



36.9794, 24.1932, 16.2575



18.3538, 19.9660, 14.8040



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.



55.3879, 62.1893, 18.7582



71.9430, 80.8257, 17.8379



45.6540, 62.8919, 19.4068



14.7339, 15.7539, 14.5710



29.8257, 33.0892, 4.8149



2.1052, 2.3692, 0.3463

Inverse Universe

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



22.7226, 17.6582, 72.7314



24.5003, 16.2194, 96.4471



28.1583, 18.3898, 72.5861



13.0749, 13.4890, 17.3022



8.0762, 3.6220, 41.3218



0.6017, 0.3348, 2.8782

Previews

White Background



This preview shows how the XYZ color 55.3864, 62.1864, 18.7569 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 55.3864, 62.1864, 18.7569 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 55.3864, 62.1864, 18.7569

Background



This preview shows how black text looks on a background with the XYZ color 55.3864, 62.1864, 18.7569.



This preview shows how white text looks on a background with the XYZ color 55.3864, 62.1864,

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

55.3864, 62.1864, 18.7569

Protanopia

56.7491, 62.1699, 18.4602

Deuteranopia

63.3639, 62.0556, 19.9475



Tritanopia

65.8845, 61.8955, 70.7619

Trichromacy



Original Color

55.3864, 62.1864, 18.7569

Protanomaly

56.3540, 62.3270, 18.5113

Deuteranomaly

60.2153, 61.8145, 19.3474

Tritanomaly

60.9095, 61.5894, 45.7234

Monochromacy



Original Color

55.3864, 62.1864, 18.7569

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.9956, 58.8052, 41.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3864, 62.1864, 18.7569 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(224, 209, 90)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 90)  
}
```

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(224, 209, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 90) }
```

Border

The CSS property to change the border of an element to XYZ 55.3864, 62.1864, 18.7569 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(224, 209, 90) }
```


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

```
.border{ border-color:rgb(224, 209, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 90);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3864, 62.1864, 18.7569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 90) }
```

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

```
.background{ background-color: rgb(224,  
209, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor