

Converting Colors

XYZ(57.1140, 62.0262, 21.2755)

Have a look what the booklet for
XYZ(57.1140, 62.0262, 21.2755)
contains.

XYZ(57.0534, 61.9052, 21.2538)	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(57.0534, 61.9052,
21.2538)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CE65
RGB	230, 206, 101
RGB Percent	90%, 81%, 40%
CMY	0.0980, 0.1921, 0.6039
CMYK	0.00, 0.10, 0.56, 0.10
HSL	49°, 72%, 65%
HSV	49°, 56%, 90%
XYZ	57.0534, 61.9052, 21.2538
YIQ	201.2060, 48.0090, -27.5670

Conversions

Conversions Part 2

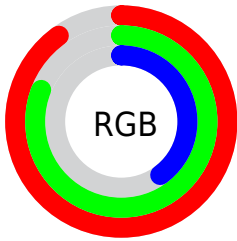
Format	Color
RYB	130, 230, 101
Decimal	15126117
CIELab	82.86, -4.36, 54.44
CIELCh	83, 54.610, 94.574
Yxy	61.9052, 0.4069, 0.4415
Android (android.graphics.Color)	4293316197 (0xFFE6CE65)
YUV	201.2060, -49.4016, 25.2523
Hunter-Lab	78.6799, -8.2534, 39.0599

Details

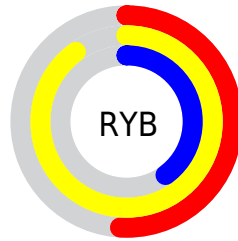
The XYZ color **57.0534, 61.9052, 21.2538** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.9832, 23.1464, 77.9081**, and the grayscale version is **55.9226, 58.8350, 64.0713**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **28.7750, 31.4405, 7.3483** is the 20% darker color. If you saturate the color by 10%, you get **55.0650, 59.4866, 15.7881**, and if you desaturate by 10%, it is **59.3881, 64.5118, 28.3917**.

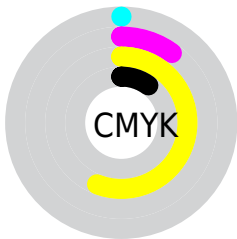
Distribution



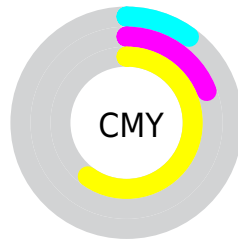
- Red (90%)
- Green (81%)
- Blue (40%)



- Red (51%)
- Yellow (90%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (10%)



- Cyan (10%)
- Magenta (19%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0534, 61.9052, 21.2538 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 57.0534, 61.9052, 21.2538 by changing the saturation by 10% instead.

■ 57.0534, 61.9052,
21.2538

■ 57.0534, 61.9052,
21.2538

403.6603,
431.5852, 271.4495

■ 41.2884, 44.9561,
13.1166

■ 99.6740, 107.5885,
46.3958

■ 28.7332, 31.4229,
7.3772

■ 127.2604,
137.0915, 64.2377

■ 19.0223, 20.9211,
3.6171

■ 159.5179,
171.5479, 86.1516

■ 11.7905, 13.0663,
1.4177

■ 196.8119,
211.3422, 112.5559

■ 6.6724, 7.4742,
0.1555

239.5078,
256.8586, 143.8694

■ 3.3026, 3.7604,
0.0000

287.9709,

■ 1.3157, 1.5405,

308.4817, 180.5104

0.0000

342.5667,
366.5957, 222.8976

■ 0.1949, 0.3169,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0534, 61.9052,
21.2538

■ 57.0534, 61.9052,
21.2538

■ 55.0650, 59.4866,
15.7881

■ 59.3881, 64.5118,
28.3917

■ 53.3913, 57.2360,
11.8485


■ 62.0888, 67.3078,
37.3243


■ 52.0018, 55.1433,
9.2697


■ 65.1788, 70.3050,
48.1666


■ 50.8571, 53.1923,
7.8452


■ 68.6782, 73.5118,
61.0232


 50.4499, 52.4568,
7.4662

 72.6056, 76.9361,
75.9911

 76.9783, 80.5850,
93.1608

 80.6647, 84.0063,
106.5711

 81.9109, 86.4987,
106.9865

 83.1868, 89.0505,
107.4118

Harmonies

Analogous

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



69.0955, 61.9052, 24.1910



57.0534, 61.9052, 21.2538



46.9131, 61.9052, 26.8952

Triad

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



57.0534, 61.9052, 21.2538



42.1092, 61.9052, 111.2571



81.7250, 61.9052, 99.2209

Complementary

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



57.0534, 61.9052, 21.2538



26.9832, 23.1464, 77.9081

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.



72.6321, 61.9052, 136.0575



57.0534, 61.9052, 21.2538



49.6514, 61.9052, 144.4774

Square

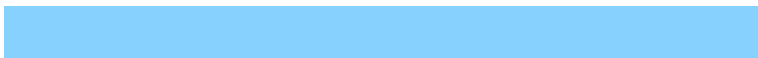
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0534, 61.9052, 21.2538



39.0478, 61.9052, 72.7039



60.6615, 61.9052, 154.8028



84.3913, 61.9052, 62.3686

Rectangle

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



57.0534, 61.9052, 21.2538



42.2637, 61.9052, 36.3937



60.6615, 61.9052, 154.8028



79.2642, 61.9052, 112.3626

Sweetspot

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



57.0549, 61.9081, 21.2551



86.3210, 92.4787, 75.3567



41.1048, 27.6580, 23.1833



18.2782, 19.6155, 15.3932



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.



57.0549, 61.9081, 21.2551



69.2931, 74.7964, 19.2034



52.2073, 68.6484, 22.8116



15.3617, 16.3374, 15.2482



28.6462, 29.8665, 4.2550



2.1761, 2.3255, 0.3342

Inverse Universe

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



26.9832, 23.1464, 77.9081



27.9567, 21.5860, 97.3008



29.7019, 20.5707, 77.2676



13.7986, 14.3187, 18.1808



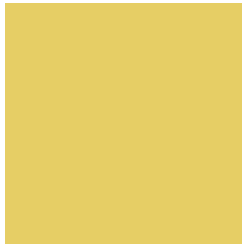
8.6356, 4.3334, 42.7645



0.7005, 0.4449, 3.1809

Previews

White Background



This preview shows how the XYZ color 57.0534, 61.9052, 21.2538 looks on a white background.

Color Contrast Check

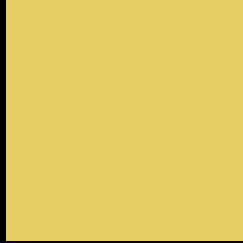
Large Text (above 18pt) WCAG AA × Fail

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 57.0534, 61.9052, 21.2538 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 57.0534, 61.9052, 21.2538

Background



This preview shows how black text looks on a background with the XYZ color 57.0534, 61.9052, 21.2538.



This preview shows how white text looks on a background with the XYZ color 57.0534, 61.9052,

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

57.0534, 61.9052, 21.2538

Protanopia

56.6567, 62.0592, 21.3044

Deuteranopia

63.2875, 61.9826, 21.4602



Tritanopia

66.7356, 61.7123, 68.7159

Trichromacy



Original Color

57.0534, 61.9052, 21.2538

Protanomaly

56.9749, 62.2232, 21.3193

Deuteranomaly

60.7087, 61.6803, 21.2762

Tritanomaly

62.0419, 61.1233, 46.5582

Monochromacy



Original Color

57.0534, 61.9052, 21.2538

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2988, 59.4255, 44.1530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0534, 61.9052, 21.2538 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(230, 206, 101)` looks like.

```
.text, #text, p{  
    color:rgb(230, 206, 101)  
}
```

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(230, 206, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 206, 101) }
```

Border

The CSS property to change the border of an element to XYZ 57.0534, 61.9052, 21.2538 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(230, 206, 101) }
```


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

```
.border{ border-color:rgb(230, 206, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 206, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 206, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 206, 101);  
box-shadow:4px 4px 4px 4px rgb(230, 206,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0534, 61.9052, 21.2538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 206, 101) }
```

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

```
.background{ background-color: rgb(230,  
206, 101) }
```

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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