

Converting Colors

XYZ(57.0254, 63.3442, 21.2777)

Have a look what the booklet for
XYZ(57.0254, 63.3442, 21.2777)
contains.

XYZ(57.0254, 63.3442, 21.2777)	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(57.0254, 63.3442,
21.2777)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D264
RGB	227, 210, 100
RGB Percent	89%, 82%, 39%
CMY	0.1098, 0.1764, 0.6078
CMYK	0.00, 0.07, 0.56, 0.11
HSL	52°, 69%, 64%
HSV	52°, 56%, 89%
XYZ	57.0254, 63.3442, 21.2777
YIQ	202.5430, 45.4420, -30.6060

Conversions

Conversions Part 2

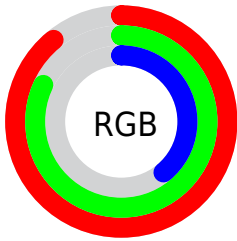
Format	Color
RYB	120, 227, 100
Decimal	14930532
CIELab	83.62, -7.70, 55.70
CIELCh	84, 56.233, 97.871
Yxy	63.3442, 0.4026, 0.4472
Android (android.graphics.Color)	4293120612 (0xFFE3D264)
YUV	202.5430, -50.5537, 21.4488
Hunter-Lab	79.5891, -11.3860, 39.8615

Details

The XYZ color **57.0254, 63.3442, 21.2777** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.4818, 20.9773, 75.3787**, and the grayscale version is **56.7664, 59.7227, 65.0380**.

A 20% lighter version of the original color is **82.8327, 95.1131, 44.5648**, and **28.7637, 32.4172, 7.4305** is the 20% darker color. If you saturate the color by 10%, you get **55.3339, 61.4814, 16.0281**, and if you desaturate by 10%, it is **59.0402, 65.3639, 28.1463**.

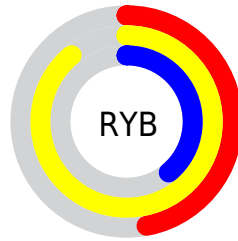
Distribution



Red (89%)

Green (82%)

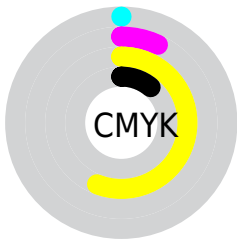
Blue (39%)



Red (47%)

Yellow (89%)

Blue (39%)

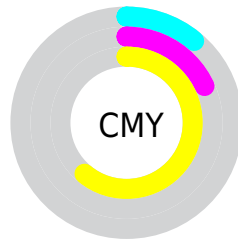


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0254, 63.3442, 21.2777 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 57.0254, 63.3442, 21.2777 by changing the saturation by 10% instead.

■ 57.0254, 63.3442,
21.2777

■ 57.0254, 63.3442,
21.2777

403.5571,
436.8176, 271.5800

■ 41.2659, 46.1197,
13.1339

■ 99.6334, 109.6659,
46.4360

■ 28.7155, 32.3403,
7.3890

■ 127.2125,
139.5320, 64.2877

■ 19.0089, 21.6216,
3.6244

■ 159.4623,
174.3807, 86.2123

■ 11.7807, 13.5791,
1.4217

■ 196.7480,
214.5964, 112.6285

■ 6.6657, 7.8285,
0.1585

239.4349,
260.5636, 143.9549

■ 3.2984, 3.9854,
0.0000

287.8885,

■ 1.3134, 1.6654,

312.6665, 180.6099

0.0000

342.4742,
371.2898, 223.0121

■ 0.1933, 0.4011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0254, 63.3442,
21.2777

■ 57.0254, 63.3442,
21.2777

■ 55.3339, 61.4814,
16.0281

■ 59.0402, 65.3639,
28.1463

■ 53.9350, 59.7558,
12.2561


■ 61.3970, 67.5409,
36.7520


■ 52.7996, 58.1583,
9.8025


■ 64.1184, 69.8867,
47.2062


■ 51.8900, 56.6734,
8.4684


■ 67.2234, 72.4092,
59.6100


 51.5595, 56.0930,
8.1096

 70.7302, 75.1156,
74.0569

 74.6552, 78.0128,
90.6348

 78.3795, 80.8531,
106.0829

 79.2384, 82.5709,
106.3692

 80.1121, 84.3183,
106.6604

Harmonies

Analogous

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



69.5635, 63.3442, 23.3270



57.0254, 63.3442, 21.2777



46.8225, 63.3442, 28.1262

Triad

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



57.0254, 63.3442, 21.2777



43.3988, 63.3442, 119.4735



84.8829, 63.3442, 97.7648

Complementary

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



57.0254, 63.3442, 21.2777



25.4818, 20.9773, 75.3787

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.



75.9256, 63.3442, 137.4554



57.0254, 63.3442, 21.2777



51.7291, 63.3442, 152.6759

Square

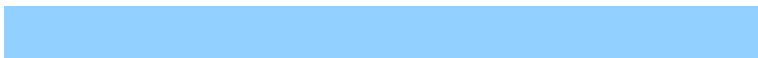
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0254, 63.3442, 21.2777



39.6845, 63.3442, 78.6697



63.5043, 63.3442, 160.1873



86.8078, 63.3442, 60.1042

Rectangle

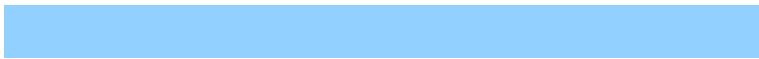
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0254, 63.3442, 21.2777



42.3154, 63.3442, 38.8533



63.5043, 63.3442, 160.1873



82.5409, 63.3442, 111.6341

Sweetspot

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



57.0269, 63.3472, 21.2790



87.0169, 93.8705, 75.5887



39.5688, 26.7789, 20.5527



18.4440, 19.9472, 15.4485



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.



57.0269, 63.3472, 21.2790



71.7417, 79.6937, 20.0196



49.1911, 65.8704, 22.1790



15.4285, 16.4709, 15.2705



30.1324, 32.8389, 4.7504



2.2725, 2.5183, 0.3663

Inverse Universe

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



25.4818, 20.9773, 75.3787



26.9785, 19.6295, 96.9747



30.0032, 20.6311, 75.0735



13.7375, 14.1965, 18.1605



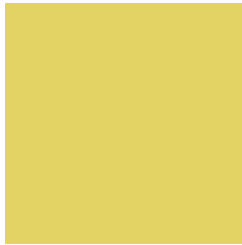
8.4105, 3.8830, 42.6894



0.6716, 0.3872, 3.1713

Previews

White Background



This preview shows how the XYZ color 57.0254, 63.3442, 21.2777 looks on a white background.

Color Contrast Check

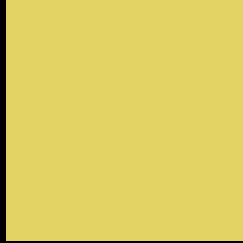
Large Text (above 18pt) WCAG AA × Fail

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 57.0254, 63.3442, 21.2777 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 57.0254, 63.3442, 21.2777

Background



This preview shows how black text looks on a background with the XYZ color 57.0254, 63.3442, 21.2777.



This preview shows how white text looks on a background with the XYZ color 57.0254, 63.3442,

21.2777.

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

57.0254, 63.3442, 21.2777

Protanopia

58.0557, 63.5100, 21.2554

Deuteranopia

64.4237, 63.2110, 23.2734



Tritanopia

67.4642, 63.3694, 71.6266

Trichromacy



Original Color

57.0254, 63.3442, 21.2777

Protanomaly

57.7338, 63.3440, 21.2403

Deuteranomaly

61.6136, 63.1650, 22.5803

Tritanomaly

62.4986, 62.7120, 47.8403

Monochromacy



Original Color

57.0254, 63.3442, 21.2777

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1056, 60.8928, 44.8728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0254, 63.3442, 21.2777 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(227, 210, 100)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 100)  
}
```

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(227, 210, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 100) }
```

Border

The CSS property to change the border of an element to XYZ 57.0254, 63.3442, 21.2777 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(227, 210, 100) }
```


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

```
.border{ border-color:rgb(227, 210, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 100);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0254, 63.3442, 21.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 100) }
```

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

```
.background{ background-color: rgb(227,  
210, 100) }
```

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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