

Converting Colors

XYZ(54.9099, 62.0393, 11.6002)

Have a look what the booklet for
XYZ(54.9099, 62.0393, 11.6002)
contains.

XYZ(54.9527, 62.1213, 11.5769)	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(54.9527, 62.1213,
11.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D12D
RGB	227, 209, 45
RGB Percent	89%, 82%, 18%
CMY	0.1098, 0.1804, 0.8235
CMYK	0.00, 0.08, 0.80, 0.11
HSL	54°, 76%, 53%
HSV	54°, 80%, 89%
XYZ	54.9527, 62.1213, 11.5769
YIQ	195.6860, 63.3720, -47.1880

Conversions

Conversions Part 2

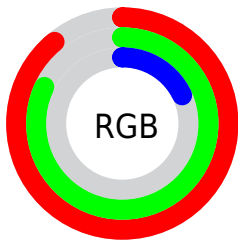
Format	Color
RYB	65, 227, 45
Decimal	14930221
CIELab	82.98, -10.09, 75.90
CIELCh	83, 76.571, 97.574
Yxy	62.1213, 0.4271, 0.4829
Android (android.graphics.Color)	4293120301 (0xFFE3D12D)
YUV	195.6860, -74.2882, 27.4624
Hunter-Lab	78.8171, -13.4764, 46.4632

Details

The XYZ color **54.9527, 62.1213, 11.5769** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **16.7251, 9.6591, 73.6555**, and the grayscale version is **52.6873, 55.4312, 60.3646**.

A 20% lighter version of the original color is **79.6015, 93.8206, 27.5494**, and **27.6577, 31.6582, 4.6529** is the 20% darker color. If you saturate the color by 10%, you get **54.0813, 60.9002, 9.6792**, and if you desaturate by 10%, it is **56.0694, 63.4576, 14.7155**.

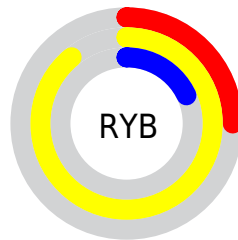
Distribution



Red (89%)

Green (82%)

Blue (18%)



Red (25%)

Yellow (89%)

Blue (18%)

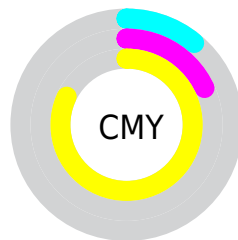


Cyan (0%)

Magenta (8%)

Yellow (80%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9527, 62.1213, 11.5769 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 54.9527, 62.1213, 11.5769 by changing the saturation by 10% instead.

■ 54.9527, 62.1213,
11.5769

■ 54.9527, 62.1213,
11.5769

395.8719,
432.3734, 212.4613

■ 39.5975, 45.1307,
6.3373

■ 96.6204, 107.9008,
29.3749

■ 27.4077, 31.5604,
2.9791

■ 123.6636,
137.4586, 42.7704

■ 18.0178, 21.0260,
1.0840

■ 155.3336,
171.9741, 59.7215

■ 11.0626, 13.1430,
0.0000

■ 191.9956,
211.8319, 80.6469

■ 6.1765, 7.5271,
0.0000

■ 234.0152,
257.4164, 105.9650

■ 2.9944, 3.7939,
0.0000

■ 281.7575,

■ 1.1508, 1.5589,

309.1118, 136.0944

0.0000

335.5879,
367.3027, 171.4537

■ 0.0670, 0.3297,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9527, 62.1213,
11.5769

■ 54.9527, 62.1213,
11.5769

■ 54.0813, 60.9002,
9.6792

■ 56.0694, 63.4576,
14.7155

■ 53.4037, 59.7815,
8.7243

■ 57.4601, 64.9137,
19.2651

■ 59.1541, 66.5036,
25.3731

■ 61.1757, 68.2370,
33.1675

■ 63.5466, 70.1229,
42.7628

■ 66.2869, 72.1691,
54.2638

■ 69.4148, 74.3831,
67.7670

■ 72.9475, 76.7717,
83.3625

■ 76.9011, 79.3415,
101.1349

Harmonies

Analogous

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



72.0222, 62.1213, 13.5582



54.9527, 62.1213, 11.5769



41.7028, 62.1213, 18.0975

Triad

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



54.9527, 62.1213, 11.5769



37.2616, 62.1213, 139.7349



93.5767, 62.1213, 108.6595

Complementary

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



54.9527, 62.1213, 11.5769



16.7251, 9.6591, 73.6555

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.



80.6293, 62.1213, 168.5070



54.9527, 62.1213, 11.5769



47.7275, 62.1213, 191.5356

Square

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



54.9527, 62.1213, 11.5769



32.8045, 62.1213, 80.3632



63.3344, 62.1213, 203.9892



96.4980, 62.1213, 56.3352

Rectangle

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



54.9527, 62.1213, 11.5769



36.0698, 62.1213, 29.6221



63.3344, 62.1213, 203.9892



90.1496, 62.1213, 129.1499

Sweetspot

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



54.9541, 62.1242, 11.5782



84.8152, 92.8661, 64.3760



33.5200, 18.5693, 6.5505



17.8831, 19.6740, 12.6454



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.



54.9541, 62.1242, 11.5782



69.8150, 78.3207, 11.7307



41.3077, 62.0172, 12.2767



15.4734, 16.5608, 15.2855



31.1941, 34.9623, 5.1043



2.3406, 2.6545, 0.3890

Inverse Universe

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



16.7251, 9.6591, 73.6555



18.7613, 8.4530, 95.2505



22.2483, 11.2612, 73.6736



13.6969, 14.1152, 18.1469



8.2968, 3.6558, 42.6515



0.6523, 0.3485, 3.1649

Previews

White Background



This preview shows how the XYZ color 54.9527, 62.1213, 11.5769 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 54.9527, 62.1213, 11.5769 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 54.9527, 62.1213, 11.5769

Background



This preview shows how black text looks on a background with the XYZ color 54.9527, 62.1213, 11.5769.



This preview shows how white text looks on a background with the XYZ color 54.9527, 62.1213,

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

54.9527, 62.1213, 11.5769

Protanopia

56.0652, 61.9709, 11.4893

Deuteranopia

62.8860, 61.8644, 17.4307



Tritanopia

66.7446, 62.0341, 69.4287

Trichromacy



Original Color

54.9527, 62.1213, 11.5769

Protanomaly

55.6627, 62.1242, 11.5401

Deuteranomaly

59.6802, 61.6407, 14.7136

Tritanomaly

60.4202, 61.1727, 37.4772

Monochromacy



Original Color

54.9527, 62.1213, 11.5769

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.4265, 56.9618, 33.4836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9527, 62.1213, 11.5769 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, 209, 45)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 45)  
}
```

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, 209, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 45) }
```

Border

The CSS property to change the border of an element to XYZ 54.9527, 62.1213, 11.5769 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, 209, 45) }
```


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

```
.border{ border-color:rgb(227, 209, 45) }
```

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

Here you see how a box with a 4 pixel rgb(227, 209, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 45);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9527, 62.1213, 11.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 45) }
```

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

```
.background{ background-color: rgb(227,  
209, 45) }
```

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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