

Converting Colors

XYZ(54.4989, 63.3296, 33.7387)

Have a look what the booklet for
XYZ(54.4989, 63.3296, 33.7387)
contains.

XYZ(54.4389, 63.2226, 33.7600)	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(54.4389, 63.2226,
33.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD68B
RGB	207, 214, 139
RGB Percent	81%, 84%, 55%
CMY	0.1882, 0.1608, 0.4549
CMYK	0.03, 0.00, 0.35, 0.16
HSL	66°, 48%, 69%
HSV	66°, 35%, 84%
XYZ	54.4389, 63.2226, 33.7600
YIQ	203.3570, 19.9030, -24.8090

Conversions

Conversions Part 2

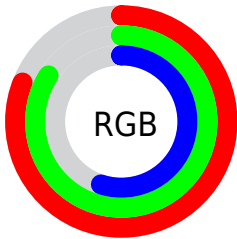
Format	Color
R _{YB}	139, 214, 146
Decimal	13620875
CIE Lab	83.56, -13.90, 36.29
CIE LCh	84, 38.859, 110.960
Yxy	63.2226, 0.3595, 0.4175
Android (android.graphics.Color)	4291810955 (0xFFCFD68B)
YUV	203.3570, -31.7280, 3.1949
Hunter-Lab	79.5126, -16.9358, 30.4851

Details

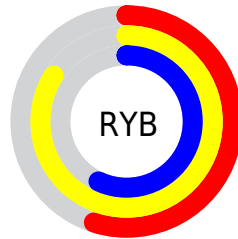
The XYZ color **54.4389, 63.2226, 33.7600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2266, 29.4328, 67.5518**, and the grayscale version is **57.1751, 60.1527, 65.5063**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **27.1085, 32.1763, 14.0144** is the 20% darker color. If you saturate the color by 10%, you get **52.4716, 62.3738, 26.2895**, and if you desaturate by 10%, it is **56.7226, 64.2032, 42.8456**.

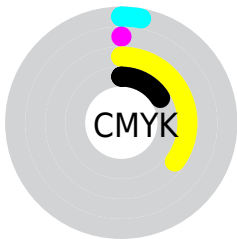
Distribution



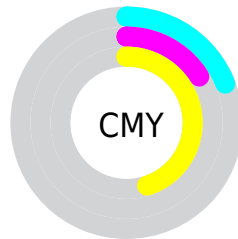
- Red (81%)
- Green (84%)
- Blue (55%)



- Red (55%)
- Yellow (84%)
- Blue (57%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4389, 63.2226, 33.7600 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 54.4389, 63.2226, 33.7600 by changing the saturation by 10% instead.

■ 54.4389, 63.2226,
33.7600

■ 54.4389, 63.2226,
33.7600

393.9526,
436.3769, 333.7970

■ 39.1847, 46.0213,
22.4334

■ 95.8715, 109.4906,
66.6899

■ 27.0848, 32.2626,
13.9744

■ 122.7806,
139.3261, 89.1303

■ 17.7739, 21.5622,
7.9643

■ 154.3055,
174.1418, 116.1124

■ 10.8865, 13.5356,
3.9847

190.8113,
214.3220, 148.0547

■ 6.0573, 7.7984,
1.6169

232.6636,
260.2513, 185.3758

■ 2.9209, 3.9662,
0.3029

280.2277,

■ 1.1121, 1.6547,

312.3139, 228.4942

0.0000

333.8689,
370.8943, 277.8284

0.0352, 0.3940,
0.0000

0.0000, 0.0000,
0.0000

54.4389, 63.2226,
33.7600

54.4389, 63.2226,
33.7600

52.4716, 62.3738,
26.2895

56.7226, 64.2032,
42.8456

50.7979, 61.6410,
20.3355

59.3344, 65.3137,
53.6290

49.3996, 61.0192,
15.7951

62.2913, 66.5630,
66.1922

48.2543, 60.4994,
12.5509

65.6076, 67.9569,
80.6106

■ 47.3363, 60.0713,
10.4665

■ 69.2968, 69.5008,
96.9553

■ 46.6137, 59.7222,
9.3753

■ 71.3092, 70.3748,
104.4330

■ 46.3006, 59.5675,
9.0574

■ 71.9142, 70.6867,
104.4614

■ 72.5264, 71.0023,
104.4900

■ 73.1459, 71.3217,
104.5190

Harmonies

Analogous

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



62.6928, 63.2226, 32.2213



54.4389, 63.2226, 33.7600



48.2830, 63.2226, 43.3911

Triad

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



54.4389, 63.2226, 33.7600



50.3845, 63.2226, 111.9094



77.6972, 63.2226, 76.4488

Complementary

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



54.4389, 63.2226, 33.7600



33.2266, 29.4328, 67.5518

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.



73.6829, 63.2226, 102.6837



54.4389, 63.2226, 33.7600



57.5626, 63.2226, 126.1004

Square

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



54.4389, 63.2226, 33.7600



46.0999, 63.2226, 86.9531



66.1218, 63.2226, 122.3757



76.6605, 63.2226, 53.4328

Rectangle

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



54.4389, 63.2226, 33.7600



45.9433, 63.2226, 54.6858



66.1218, 63.2226, 122.3757



76.8808, 63.2226, 85.2442

Sweetspot

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



54.4405, 63.2254, 33.7613



89.9009, 97.8298, 86.7816



42.5575, 36.4891, 29.2270



19.1163, 20.8862, 18.0412



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.



54.4405, 63.2254, 33.7613



78.7525, 93.0669, 41.7885



45.3407, 58.5343, 33.3355



13.3532, 14.4583, 13.2476



28.0316, 36.0271, 5.4765



1.7248, 2.1906, 0.3319

Inverse Universe

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



33.2266, 29.4328, 67.5518



42.7057, 35.6277, 99.2337



40.8412, 33.3583, 67.9082



11.8491, 12.0636, 15.6415



7.5493, 3.0443, 38.6429



0.4932, 0.2031, 2.3325

Previews

White Background



This preview shows how the XYZ color 54.4389, 63.2226, 33.7600 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 54.4389, 63.2226, 33.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

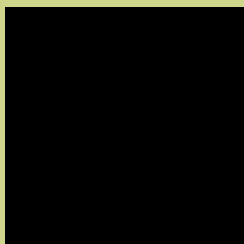
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

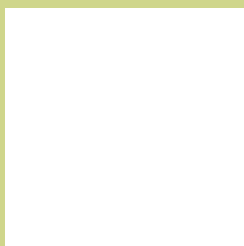
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4389, 63.2226, 33.7600

Background



This preview shows how black text looks on a background with the XYZ color 54.4389, 63.2226, 33.7600.



This preview shows how white text looks on a background with the XYZ color 54.4389, 63.2226,

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

54.4389, 63.2226, 33.7600

Protanopia

58.4353, 63.0866, 32.7640

Deuteranopia

64.3728, 62.9396, 34.3469



Tritanopia

63.1264, 63.1048, 76.5635

Trichromacy



Original Color

54.4389, 63.2226, 33.7600

Protanomaly

56.8475, 62.9882, 33.2065

Deuteranomaly

60.3323, 62.6012, 34.1027

Tritanomaly

59.4004, 63.0195, 58.3235

Monochromacy



Original Color

54.4389, 63.2226, 33.7600

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.4529, 60.7583, 51.9849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4389, 63.2226, 33.7600 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(207, 214, 139)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 139)  
}
```

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(207, 214, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.4389, 63.2226, 33.7600 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(207, 214, 139) }
```


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

```
.border{ border-color:rgb(207, 214, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 139);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4389, 63.2226, 33.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 139) }
```

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

```
.background{ background-color: rgb(207,  
214, 139) }
```

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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