

Converting Colors

XYZ(53.9491, 60.8741, 44.5038)

Have a look what the booklet for
XYZ(53.9491, 60.8741, 44.5038)
contains.

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Color

**XYZ(53.9491, 60.8741,
44.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD1A5
RGB	202, 209, 165
RGB Percent	79%, 82%, 65%
CMY	0.2078, 0.1804, 0.3529
CMYK	0.03, 0.00, 0.21, 0.18
HSL	70°, 32%, 73%
HSV	70°, 21%, 82%
XYZ	53.9491, 60.8741, 44.5038
YIQ	201.8910, 9.9520, -15.1680

Conversions

Conversions Part 2

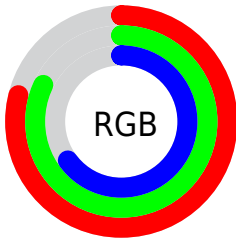
Format	Color
RYB	165, 209, 172
Decimal	13291941
CIELab	82.31, -9.77, 21.08
CIELCh	82, 23.230, 114.868
Yxy	60.8741, 0.3386, 0.3821
Android (android.graphics.Color)	4291482021 (0xFFCAD1A5)
YUV	201.8910, -18.1873, 0.0956
Hunter-Lab	78.0219, -13.1124, 20.7962

Details

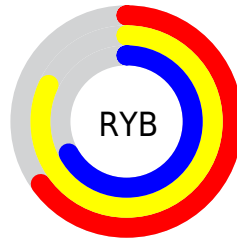
The XYZ color **53.9491, 60.8741, 44.5038** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9795, 40.2861, 65.8884**, and the grayscale version is **56.1779, 59.1035, 64.3637**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **26.9147, 30.9308, 20.1745** is the 20% darker color. If you saturate the color by 10%, you get **51.3101, 59.7177, 35.2485**, and if you desaturate by 10%, it is **56.9216, 62.1703, 55.4000**.

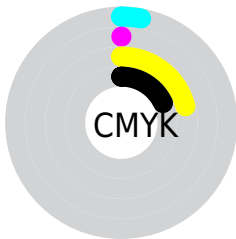
Distribution



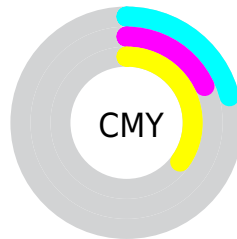
- Red (79%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9491, 60.8741, 44.5038 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 53.9491, 60.8741, 44.5038 by changing the saturation by 10% instead.


 53.9491, 60.8741,
44.5038


 53.9491, 60.8741,
44.5038

392.1174,
427.8122, 380.8616

 38.7915, 44.1236,
30.7267


 95.1568, 106.0966,
83.2858

 26.7775, 30.7677,
20.1341

 121.9377,
135.3374, 109.1278

 17.5419, 20.4220,
12.3075


153.3236,
169.5104, 139.8286

 10.7193, 12.7022,
6.8284

189.6800,
209.0000, 175.8065

 5.9443, 7.2238,
3.2782

231.3722,
254.1906, 217.4802

 2.8516, 3.6024,
1.2384

278.7656,

 1.0758, 1.4538,

305.4665, 265.2683

0.0105

332.2256,
363.2123, 319.5892

0.0047, 0.2558,
0.0000

0.0000, 0.0000,
0.0000

53.9491, 60.8741,
44.5038

53.9491, 60.8741,
44.5038

51.3101, 59.7177,
35.2485

56.9216, 62.1703,
55.4000

48.9848, 58.6869,
27.5508

60.2370, 63.6038,
68.0072

46.9580, 57.7777,
21.3259

63.9103, 65.1828,
82.3962

45.2120, 56.9831,
16.4793

67.9540, 66.9122,
98.6328

■ 43.7264, 56.2948,
12.9058

■ 69.9557, 67.8271,
104.0126

■ 42.4783, 55.7037,
10.4849

■ 70.9646, 68.3472,
104.0598

■ 41.4404, 55.1988,
9.0730

■ 71.9936, 68.8777,
104.1080

■ 40.6462, 54.8027,
8.4357

■ 73.0428, 69.4186,
104.1571

■ 74.1123, 69.9700,
104.2072

Harmonies

Analogous

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



58.7144, 60.8741, 42.6758



53.9491, 60.8741, 44.5038



50.4208, 60.8741, 51.8036

Triad

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



53.9491, 60.8741, 44.5038



52.5541, 60.8741, 91.1596



67.8631, 60.8741, 68.7494

Complementary

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



53.9491, 60.8741, 44.5038



41.9795, 40.2861, 65.8884

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.



65.9950, 60.8741, 83.2331



53.9491, 60.8741, 44.5038



57.0120, 60.8741, 97.2970

Square

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



53.9491, 60.8741, 44.5038



49.6481, 60.8741, 78.4145



61.9534, 60.8741, 94.2079



66.9286, 60.8741, 55.4695

Rectangle

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



53.9491, 60.8741, 44.5038



49.1511, 60.8741, 59.4191



61.9534, 60.8741, 94.2079



67.5391, 60.8741, 73.6530

Sweetspot

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



53.9507, 60.8768, 44.5051



91.7932, 98.5944, 96.3972



47.7646, 45.6267, 41.8876



19.5743, 21.0716, 20.3548



0.0000, 0.0000, 0.0000



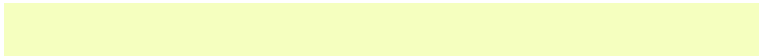
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9507, 60.8768, 44.5051



82.7960, 94.6784, 63.3455



48.5098, 58.0719, 44.2505



12.6109, 13.6984, 12.5914



25.1293, 33.8236, 5.2042



1.4558, 1.9174, 0.2934

Inverse Universe

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



41.9795, 40.2861, 65.8884



60.9299, 57.0635, 102.4107



47.1114, 42.9317, 66.1286



11.3365, 11.5068, 14.8672



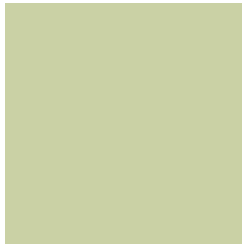
7.5424, 3.0685, 37.3872



0.4781, 0.2006, 2.0931

Previews

White Background



This preview shows how the XYZ color 53.9491, 60.8741, 44.5038 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 53.9491, 60.8741, 44.5038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

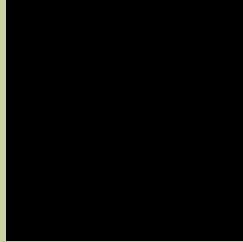
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

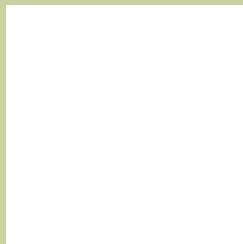
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9491, 60.8741, 44.5038

Background



This preview shows how black text looks on a background with the XYZ color 53.9491, 60.8741, 44.5038.



This preview shows how white text looks on a background with the XYZ color 53.9491, 60.8741,

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

53.9491, 60.8741, 44.5038

Protanopia

56.8190, 60.5818, 43.3491

Deuteranopia

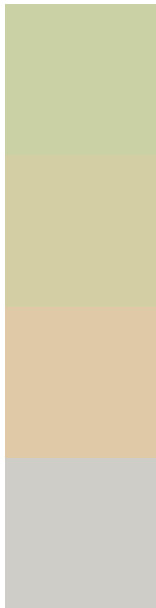
61.9592, 60.7642, 45.5088



Tritanopia

60.0699, 60.8583, 74.9105

Trichromacy



Original Color

53.9491, 60.8741, 44.5038

Protanomaly

55.9235, 60.8200, 43.9139

Deuteranomaly

58.6022, 60.4106, 45.1310

Tritanomaly

57.5937, 60.9080, 62.7537

Monochromacy



Original Color

53.9491, 60.8741, 44.5038

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3738, 59.8933, 56.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9491, 60.8741, 44.5038 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(202, 209, 165)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 165)  
}
```

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(202, 209, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 165) }
```

Border

The CSS property to change the border of an element to XYZ 53.9491, 60.8741, 44.5038 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(202, 209, 165) }
```


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

```
.border{ border-color:rgb(202, 209, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 165);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9491, 60.8741, 44.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 165) }
```

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

```
.background{ background-color: rgb(202,  
209, 165) }
```

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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