

Converting Colors

XYZ(52.5467, 60.4204, 40.7263)

Have a look what the booklet for
XYZ(52.5467, 60.4204, 40.7263)
contains.

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Color

**XYZ(52.6856, 60.6696,
40.8319)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D29D
RGB	199, 210, 157
RGB Percent	78%, 82%, 62%
CMY	0.2196, 0.1765, 0.3843
CMYK	0.05, 0.00, 0.25, 0.18
HSL	72°, 37%, 72%
HSV	72°, 25%, 82%
XYZ	52.6856, 60.6696, 40.8319
YIQ	200.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

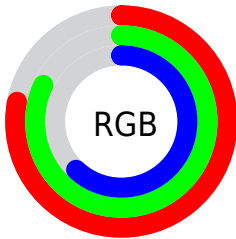
Format	Color
RYB	157, 210, 168
Decimal	13095581
CIELab	82.20, -12.55, 25.09
CIELCh	82, 28.051, 116.580
Yxy	60.6696, 0.3417, 0.3935
Android (android.graphics.Color)	4291285661 (0xFFC7D29D)
YUV	200.6690, -21.5288, -1.4637
Hunter-Lab	77.8907, -15.5705, 23.4424

Details

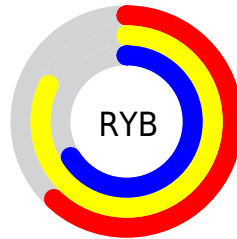
The XYZ color **52.6856, 60.6696, 40.8319** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8406, 37.0936, 66.0360**, and the grayscale version is **55.4382, 58.3253, 63.5163**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **26.1153, 30.8166, 17.9364** is the 20% darker color. If you saturate the color by 10%, you get **49.9048, 59.4276, 32.1335**, and if you desaturate by 10%, it is **55.8109, 62.0574, 51.1575**.

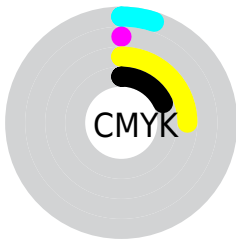
Distribution



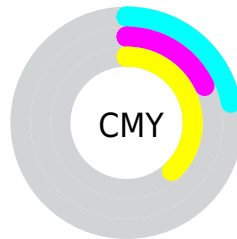
- Red (78%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)





- Cyan (22%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6856, 60.6696, 40.8319 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 52.6856, 60.6696, 40.8319 by changing the saturation by 10% instead.


 52.6856, 60.6696,
40.8319


 52.6856, 60.6696,
40.8319

387.3584,
427.0615, 365.2734

 37.7783, 43.9586,
27.8690


 93.3098, 105.8004,
77.6795

 25.9871, 30.6379,
17.9888


 119.7575,
134.9890, 102.4014

 16.9466, 20.3233,
10.7726


150.7826,
169.1055, 131.8800

 10.2915, 12.6303,
5.8019

186.7506,
208.5344, 166.5340

 5.6564, 7.1745,
2.6582

228.0269,
253.6600, 206.7817

 2.6760, 3.5714,
0.9223

274.9767,

 0.9848, 1.4368,

304.8669, 253.0418

0.0000

327.9654,
362.5392, 305.7329

■ 0.0000, 0.2436,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6856, 60.6696,
40.8319

■ 52.6856, 60.6696,
40.8319

■ 49.9048, 59.4276,
32.1335

■ 55.8109, 62.0574,
51.1575

■ 47.4477, 58.3168,
24.9755

■ 59.2910, 63.5888,
63.1836

■ 45.2986, 57.3330,
19.2687

■ 63.1413, 65.2723,
76.9835

■ 43.4381, 56.4683,
14.9134

■ 67.3750, 67.1130,
92.6253

41.8447, 55.7142,
11.7972

70.8561, 68.6567,
104.1253

40.4933, 55.0606,
9.7898

72.1995, 69.3492,
104.1882

39.3534, 54.4952,
8.7316

73.5776, 70.0596,
104.2526

38.8585, 54.2464,
8.4225

74.9907, 70.7881,
104.3188

76.4390, 71.5347,
104.3866

Harmonies

Analogous

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



58.3512, 60.6696, 38.4060



52.6856, 60.6696, 40.8319



48.6155, 60.6696, 49.5755

Triad

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



52.6856, 60.6696, 40.8319



51.5781, 60.6696, 97.4270



69.8822, 60.6696, 68.0369

Complementary

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



52.6856, 60.6696, 40.8319



39.8406, 37.0936, 66.0360

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.



67.7723, 60.6696, 85.8424



52.6856, 60.6696, 40.8319



56.9834, 60.6696, 104.5520

Square

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



52.6856, 60.6696, 40.8319



48.0077, 60.6696, 81.8657



62.9479, 60.6696, 99.9868



68.5368, 60.6696, 52.4301

Rectangle

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



52.6856, 60.6696, 40.8319



47.2168, 60.6696, 58.7281



62.9479, 60.6696, 99.9868



69.5501, 60.6696, 73.9757

Sweetspot

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



52.6872, 60.6723, 40.8332



90.3965, 97.9606, 92.4385



46.5951, 43.9955, 37.9353



19.1702, 20.8892, 19.1660



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.



52.6872, 60.6723, 40.8332



79.4823, 93.1256, 56.1690



46.3459, 57.4033, 40.5364



12.5531, 13.6686, 12.5887



23.7875, 33.1319, 5.1414



1.3920, 1.8844, 0.2904

Inverse Universe

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



39.8406, 37.0936, 66.0360



56.4166, 50.7802, 101.4358



45.9657, 40.2511, 66.3227



11.3898, 11.5342, 14.8697



7.7871, 3.1947, 37.3987



0.5028, 0.2134, 2.0943

Previews

White Background



This preview shows how the XYZ color 52.6856, 60.6696, 40.8319 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 52.6856, 60.6696, 40.8319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

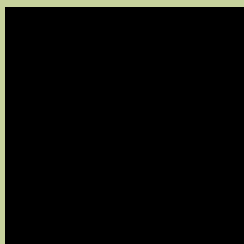
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

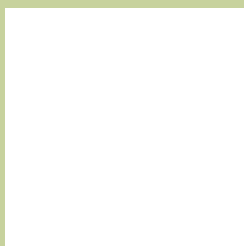
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6856, 60.6696, 40.8319

Background



This preview shows how black text looks on a background with the XYZ color 52.6856, 60.6696, 40.8319.



This preview shows how white text looks on a background with the XYZ color 52.6856, 60.6696,

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

52.6856, 60.6696, 40.8319

Protanopia

56.6390, 60.5789, 39.2795

Deuteranopia

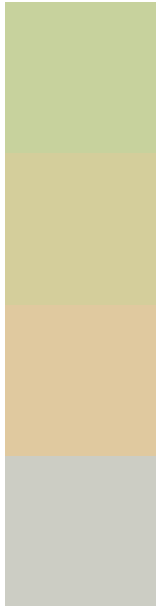
61.6817, 60.3686, 41.6590



Tritanopia

59.5075, 60.5684, 74.8842

Trichromacy



Original Color

52.6856, 60.6696, 40.8319

Protanomaly

55.1391, 60.5062, 39.7831

Deuteranomaly

57.8851, 60.1238, 41.3551

Tritanomaly

56.6970, 60.4855, 60.9112

Monochromacy



Original Color

52.6856, 60.6696, 40.8319

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.1692, 58.9679, 54.4259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6856, 60.6696, 40.8319 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(199, 210, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 157)  
}
```

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(199, 210, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 157) }
```

Border

The CSS property to change the border of an element to XYZ 52.6856, 60.6696, 40.8319 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(199, 210, 157) }
```


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

```
.border{ border-color:rgb(199, 210, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6856, 60.6696, 40.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 210, 157) }
```

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

```
.background{ background-color: rgb(199,  
210, 157) }
```

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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