

Converting Colors

XYZ(56.2154, 60.5628, 41.2060)

Have a look what the booklet for
XYZ(56.2154, 60.5628, 41.2060)
contains.

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Color

**XYZ(56.3218, 60.7302,
41.1014)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CD9E
RGB	216, 205, 158
RGB Percent	85%, 80%, 62%
CMY	0.1529, 0.1961, 0.3804
CMYK	0.00, 0.05, 0.27, 0.15
HSL	49°, 43%, 73%
HSV	49°, 27%, 85%
XYZ	56.3218, 60.7302, 41.1014
YIQ	202.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

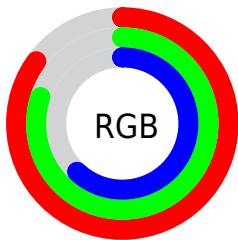
Format	Color
R _{YB}	172, 216, 158
Decimal	14208414
CIE Lab	82.23, -3.45, 24.83
CIE LCh	82, 25.064, 97.917
Yxy	60.7302, 0.3561, 0.3840
Android (android.graphics.Color)	4292398494 (0xFFD8CD9E)
YUV	202.9310, -22.1510, 11.4615
Hunter-Lab	77.9296, -7.3700, 23.2801

Details

The XYZ color **56.3218, 60.7302, 41.1014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6830, 40.6019, 70.6587**, and the grayscale version is **56.8479, 59.8084, 65.1314**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **28.3661, 30.7509, 18.0761** is the 20% darker color. If you saturate the color by 10%, you get **53.6574, 58.1197, 31.8327**, and if you desaturate by 10%, it is **59.3418, 63.5282, 52.1022**.

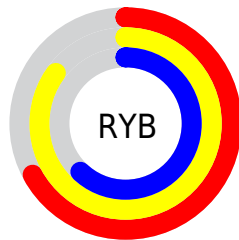
Distribution



Red (85%)

Green (80%)

Blue (62%)



Red (67%)

Yellow (85%)

Blue (62%)

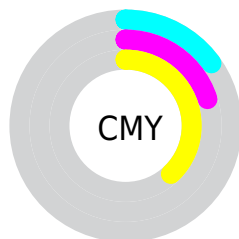


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3218, 60.7302, 41.1014 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 56.3218, 60.7302, 41.1014 by changing the saturation by 10% instead.

■ 56.3218, 60.7302,
41.1014

■ 56.3218, 60.7302,
41.1014

400.9585,
427.2841, 366.4334

■ 40.6990, 44.0075,
28.0780

■ 98.6120, 105.8882,
78.0931

■ 28.2706, 30.6764,
18.1449

■ 126.0101,
135.0922, 102.8986

■ 18.6712, 20.3525,
10.8836

158.0641,
169.2255, 132.4685

■ 11.5356, 12.6516,
5.8754

195.1392,
208.6724, 167.2213

■ 6.4982, 7.1891,
2.7019

237.6008,
253.8173, 207.5757

■ 3.1938, 3.5806,
0.9444

285.8144,

■ 1.2571, 1.4418,

305.0446, 253.9502

0.0000

340.1451,
362.7387, 306.7632

■ 0.1507, 0.2473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3218, 60.7302,
41.1014

■ 56.3218, 60.7302,
41.1014

■ 53.6574, 58.1197,
31.8327

■ 59.3418, 63.5282,
52.1022

■ 51.3266, 55.6812,
24.2023

■ 62.7287, 66.5122,
64.9150

■ 49.3121, 53.4097,
18.1129

■ 66.4992, 69.6913,
79.6190

■ 47.5931, 51.2964,
13.4558

■ 70.6674, 73.0713,
96.2880

46.1459, 49.3316,
10.1076

73.4240, 75.9289,
105.3936

44.9431, 47.5040,
7.9244

74.5474, 78.1758,
105.7681

43.9488, 45.7989,
6.7190

75.6976, 80.4762,
106.1515

43.6593, 45.2795,
6.4387

76.8748, 82.8305,
106.5439

78.0790, 85.2390,
106.9453

Harmonies

Analogous

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



61.6624, 60.7302, 42.4813



56.3218, 60.7302, 41.1014



51.6494, 60.7302, 45.5636

Triad

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



56.3218, 60.7302, 41.1014



50.0072, 60.7302, 85.8558



67.7515, 60.7302, 77.7871

Complementary

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



56.3218, 60.7302, 41.1014



40.6830, 40.6019, 70.6587

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.



64.2534, 60.7302, 92.0938



56.3218, 60.7302, 41.1014



53.9536, 60.7302, 97.2294

Square

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



56.3218, 60.7302, 41.1014



48.1529, 60.7302, 70.2515



59.1457, 60.7302, 99.6725



68.4821, 60.7302, 62.1631

Rectangle

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



56.3218, 60.7302, 41.1014



49.4654, 60.7302, 51.7255



59.1457, 60.7302, 99.6725



66.8503, 60.7302, 82.9756

Sweetspot

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



56.3234, 60.7329, 41.1027



90.7163, 96.3124, 92.1035



47.7643, 41.9406, 43.4108



19.2513, 20.4708, 19.0809



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.



56.3234, 60.7329, 41.1027



79.8438, 86.3370, 52.1949



54.1751, 63.6682, 41.7825



13.2634, 14.1011, 13.1834



25.9168, 26.9508, 3.8361



1.6159, 1.7310, 0.2490

Inverse Universe

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



40.6830, 40.6019, 70.6587



53.5416, 52.4888, 101.9171



42.3913, 38.5727, 70.1770



11.9312, 12.3859, 15.6994



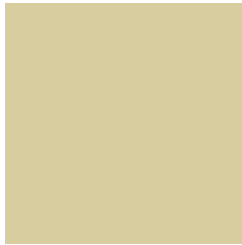
7.8634, 3.9886, 38.8086



0.5317, 0.3554, 2.3599

Previews

White Background



This preview shows how the XYZ color 56.3218, 60.7302, 41.1014 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 56.3218, 60.7302, 41.1014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

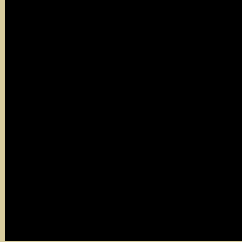
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3218, 60.7302, 41.1014

Background



This preview shows how black text looks on a background with the XYZ color 56.3218, 60.7302, 41.1014.



This preview shows how white text looks on a background with the XYZ color 56.3218, 60.7302,

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

56.3218, 60.7302, 41.1014

Protanopia

56.6779, 60.5598, 41.0497

Deuteranopia

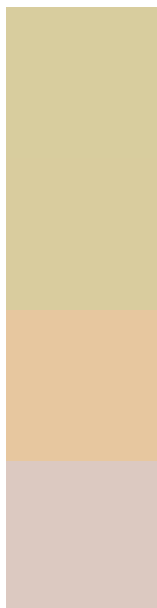
61.6817, 60.3686, 41.6590



Tritanopia

62.6357, 60.8802, 71.4006

Trichromacy



Original Color

56.3218, 60.7302, 41.1014

Protanomaly

56.3797, 60.4061, 41.0358

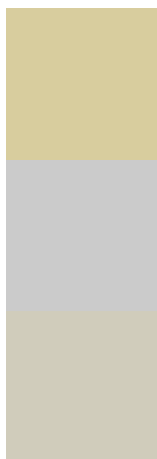
Deuteranomaly

59.6364, 60.3390, 41.3043

Tritanomaly

60.0275, 60.8392, 59.0314

Monochromacy



Original Color

56.3218, 60.7302, 41.1014

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5749, 60.1835, 55.6485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3218, 60.7302, 41.1014 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(216, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(216, 205, 158)  
}
```

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(216, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 205, 158) }
```

Border

The CSS property to change the border of an element to XYZ 56.3218, 60.7302, 41.1014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

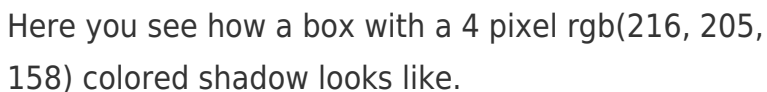
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 205, 158) }
```


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

```
.border{ border-color:rgb(216, 205, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(216, 205,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3218, 60.7302, 41.1014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 205, 158) }
```

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

```
.background{ background-color: rgb(216,  
205, 158) }
```

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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