

Converting Colors

XYZ(56.3079, 66.7105, 43.8856)

Have a look what the booklet for
XYZ(56.3079, 66.7105, 43.8856)
contains.

XYZ(56.1975, 66.6009, 44.0758)	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(56.1975, 66.6009,
44.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DDA2
RGB	200, 221, 162
RGB Percent	78%, 87%, 64%
CMY	0.2157, 0.1333, 0.3647
CMYK	0.10, 0.00, 0.27, 0.13
HSL	81°, 46%, 75%
HSV	81°, 27%, 87%
XYZ	56.1975, 66.6009, 44.0758
YIQ	207.9950, 6.4230, -22.8010

Conversions

Conversions Part 2

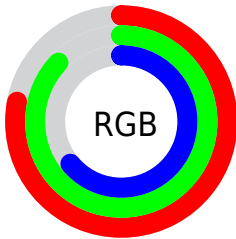
Format	Color
RYB	162, 221, 183
Decimal	13163938
CIELab	85.30, -16.99, 26.71
CIElCh	85, 31.655, 122.457
Yxy	66.6009, 0.3368, 0.3991
Android (android.graphics.Color)	4291354018 (0xFFC8DDA2)
YUV	207.9950, -22.6755, -7.0116
Hunter-Lab	81.6094, -19.8985, 25.1051

Details

The XYZ color **56.1975, 66.6009, 44.0758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5026, 41.1302, 73.9509**, and the grayscale version is **60.0919, 63.2214, 68.8481**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **28.1277, 34.4180, 19.9127** is the 20% darker color. If you saturate the color by 10%, you get **52.3562, 64.8301, 34.5269**, and if you desaturate by 10%, it is **60.4957, 68.5715, 55.4510**.

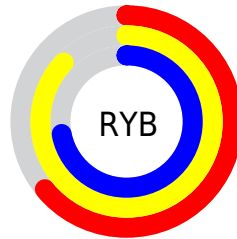
Distribution



Red (78%)

Green (87%)

Blue (64%)



Red (64%)

Yellow (87%)

Blue (72%)

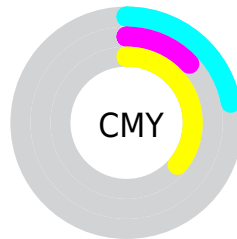


Cyan (10%)

Magenta (0%)

Yellow (27%)

Black (13%)



Cyan (22%)


Magenta (13%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1975, 66.6009, 44.0758 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 56.1975, 66.6009, 44.0758 by changing the saturation by 10% instead.


 56.1975, 66.6009,
44.0758


 56.1975, 66.6009,
44.0758


400.4983,
448.5228, 379.0679

 40.5989, 48.7604,
30.3925


 98.4314, 114.3484,
82.6355

 28.1921, 34.4294,
19.8821


 125.7975,
145.0241, 108.3489

 18.6117, 23.2237,
12.1261


157.8167,
180.7469, 138.9095

 11.4924, 14.7588,
6.7061

194.8545,
221.9014, 174.7357

 6.4688, 8.6503,
3.2033

237.2762,
268.8718, 216.2461

 3.1755, 4.5138,
1.1994

285.4472,

 1.2472, 1.9649,

322.0426, 263.8592

0.0000

339.7328,
381.7982, 317.9937

■ 0.1432, 0.5870,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1975, 66.6009,
44.0758

■ 56.1975, 66.6009,
44.0758

■ 52.3562, 64.8301,
34.5269

■ 60.4957, 68.5715,
55.4510

■ 48.9469, 63.2421,
26.7048

■ 65.2640, 70.7405,
68.7365

■ 45.9500, 61.8313,
20.5070

■ 70.5213, 73.1180,
84.0163

■ 43.3421, 60.5879,
15.8184

■ 76.2838, 75.7106,
101.3682

■ 41.0966, 59.5012,
12.5089

■ 79.6188, 77.3453,
105.3405

■ 39.1828, 58.5588,
10.4263

■ 82.3383, 78.7473,
105.4678

■ 37.5622, 57.7448,
9.3757

■ 85.1478, 80.1957,
105.5993

■ 37.0698, 57.4956,
9.1440

Harmonies

Analogous

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



62.7139, 66.6009, 39.8270



56.1975, 66.6009, 44.0758



51.8630, 66.6009, 55.7698

Triad

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



56.1975, 66.6009, 44.0758



57.1469, 66.6009, 113.3957



78.0771, 66.6009, 70.8402

Complementary

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



56.1975, 66.6009, 44.0758



45.5026, 41.1302, 73.9509

Split Complementary

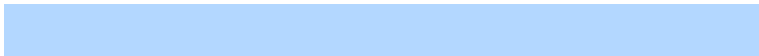
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3106, 66.6009, 92.3204



56.1975, 66.6009, 44.0758



63.8941, 66.6009, 119.4728

Square

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



56.1975, 66.6009, 44.0758



52.3814, 66.6009, 95.8016



70.9817, 66.6009, 111.1341



75.6441, 66.6009, 53.3486

Rectangle

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



56.1975, 66.6009, 44.0758



50.6113, 66.6009, 67.4631



70.9817, 66.6009, 111.1341



77.9547, 66.6009, 77.8173

Sweetspot

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



56.1992, 66.6038, 44.0772



89.3162, 97.4036, 92.3879



53.2042, 51.7058, 41.3595



18.8971, 20.7484, 19.1532



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.



56.1992, 66.6038, 44.0772



74.6903, 90.7135, 53.3113



49.1421, 62.9657, 43.7470



13.6891, 15.0200, 13.9032



21.6607, 33.4640, 5.3176



1.4958, 2.2156, 0.3488

Inverse Universe

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



45.5026, 41.1302, 73.9509



57.5491, 49.8800, 101.2024



53.1686, 45.0822, 74.3097



12.7739, 12.8416, 16.4575



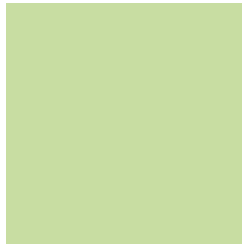
9.5512, 4.0480, 40.0163



0.7107, 0.3096, 2.5968

Previews

White Background



This preview shows how the XYZ color 56.1975, 66.6009, 44.0758 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 56.1975, 66.6009, 44.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

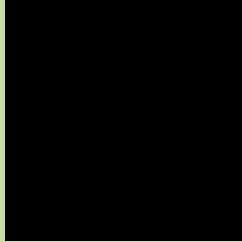
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1975, 66.6009, 44.0758

Background



This preview shows how black text looks on a background with the XYZ color 56.1975, 66.6009, 44.0758.



This preview shows how white text looks on a background with the XYZ color 56.1975, 66.6009,

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



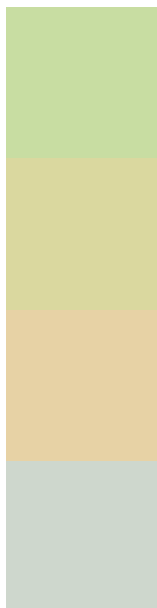
Original Color
56.1975, 66.6009, 44.0758
Protanopia
61.9607, 66.5511, 41.9277
Deuteranopia
67.5427, 66.0786, 45.2710



Tritanopia

63.9808, 66.2994, 83.5537

Trichromacy



Original Color

56.1975, 66.6009, 44.0758

Protanomaly

59.7273, 66.5204, 42.4926

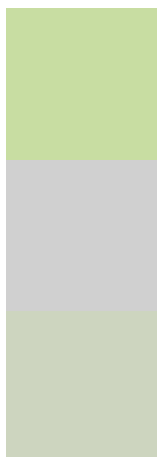
Deuteranomaly

62.7931, 65.7987, 44.9882

Tritanomaly

60.7735, 66.1305, 67.3190

Monochromacy



Original Color

56.1975, 66.6009, 44.0758

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.3751, 64.3292, 58.6303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1975, 66.6009, 44.0758 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(200, 221, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 221, 162)  
}
```

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(200, 221, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 221, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.1975, 66.6009, 44.0758 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(200, 221, 162) }
```


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

```
.border{ border-color:rgb(200, 221, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 221, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 221, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 221, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 221,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1975, 66.6009, 44.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 221, 162) }
```

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

```
.background{ background-color: rgb(200,  
221, 162) }
```

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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