

Converting Colors

XYZ(57.0204, 61.0120, 47.2999)

Have a look what the booklet for
XYZ(57.0204, 61.0120, 47.2999)
contains.

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Color

**XYZ(56.9136, 60.8991,
47.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CDAB
RGB	214, 205, 171
RGB Percent	84%, 80%, 67%
CMY	0.1608, 0.1961, 0.3294
CMYK	0.00, 0.04, 0.20, 0.16
HSL	47°, 34%, 75%
HSV	47°, 20%, 84%
XYZ	56.9136, 60.8991, 47.2831
YIQ	203.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

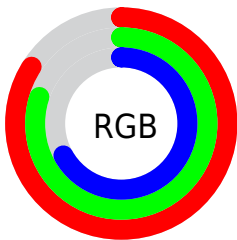
Format	Color
R _{YB}	182, 214, 171
Decimal	14077355
CIE Lab	82.32, -2.38, 18.07
CIE LCh	82, 18.228, 97.499
Yxy	60.8991, 0.3447, 0.3689
Android (android.graphics.Color)	4292267435 (0xFFD6CDAB)
YUV	203.8150, -16.1778, 8.9322
Hunter-Lab	78.0379, -6.3849, 18.7027

Details

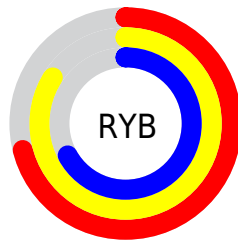
The XYZ color **56.9136, 60.8991, 47.2831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2533, 46.1544, 70.1423**, and the grayscale version is **57.3708, 60.3585, 65.7304**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **28.6945, 30.8361, 21.8924** is the 20% darker color. If you saturate the color by 10%, you get **53.9817, 58.0393, 37.0438**, and if you desaturate by 10%, it is **60.2097, 63.9578, 59.2746**.

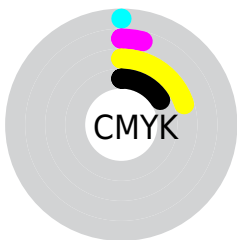
Distribution



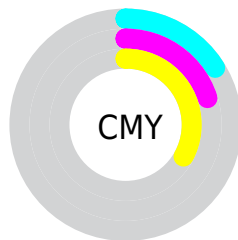
- Red (84%)
- Green (80%)
- Blue (67%)



- Red (71%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9136, 60.8991, 47.2831 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 56.9136, 60.8991, 47.2831 by changing the saturation by 10% instead.

■ 56.9136, 60.8991,
47.2831

■ 56.9136, 60.8991,
47.2831

403.1449,
427.9039, 392.3698

■ 41.1757, 44.1437,
32.9036

■ 99.4712, 106.1328,
87.4905

■ 28.6447, 30.7835,
21.7821

127.0216,
135.3800, 114.1553

■ 18.9551, 20.4341,
13.5001

159.2403,
169.5599, 145.7524

■ 11.7417, 12.7110,
7.6390

196.4926,
209.0569, 182.7003

■ 6.6390, 7.2298,
3.7804

239.1439,
254.2554, 225.4174

■ 3.2817, 3.6062,
1.5057

287.5594,

■ 1.3044, 1.4558,

305.5398, 274.3223

0.2221

342.1047,
363.2945, 329.8336

■ 0.1865, 0.2573,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9136, 60.8991,
47.2831

■ 56.9136, 60.8991,
47.2831

■ 53.9817, 58.0393,
37.0438

■ 60.2097, 63.9578,
59.2746

■ 51.3929, 55.3633,
28.4692

■ 63.8802, 67.2136,
73.0924

■ 49.1316, 52.8665,
21.4700

■ 67.9409, 70.6752,
88.8111

■ 47.1786, 50.5409,
15.9470

■ 72.1461, 74.2449,
105.1359

■ 45.5127, 48.3774,
11.7897

■ 73.3575, 76.6677,
105.5397

■ 44.1097, 46.3661,
8.8721

■ 74.6007, 79.1542,
105.9541

■ 42.9409, 44.4950,
7.0445

■ 75.8761, 81.7049,
106.3793

■ 41.9630, 42.7588,
6.0416

■ 77.1837, 84.3202,
106.8152

■ 78.5240, 87.0007,
107.2619

Harmonies

Analogous

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



60.7883, 60.8991, 48.4462



56.9136, 60.8991, 47.2831



53.4545, 60.8991, 50.7459

Triad

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



56.9136, 60.8991, 47.2831



52.1575, 60.8991, 80.1998



65.0604, 60.8991, 74.8359

Complementary

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



56.9136, 60.8991, 47.2831



45.2533, 46.1544, 70.1423

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.



62.5491, 60.8991, 84.7667



56.9136, 60.8991, 47.2831



55.0714, 60.8991, 88.0972

Square

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



56.9136, 60.8991, 47.2831



50.7895, 60.8991, 69.1394



58.8629, 60.8991, 89.8556



65.6075, 60.8991, 63.5565

Rectangle

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



56.9136, 60.8991, 47.2831



51.8098, 60.8991, 55.4673



58.8629, 60.8991, 89.8556



64.4127, 60.8991, 78.4782

Sweetspot

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



56.9152, 60.9018, 47.2844



91.6710, 97.0283, 96.1014



50.5656, 46.7310, 49.7050



19.5454, 20.7002, 20.2846



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.



56.9152, 60.9018, 47.2844



82.7660, 88.7678, 63.6929



55.7054, 63.5649, 47.8622



13.2420, 14.0583, 13.1763



25.4411, 25.9994, 3.6775



1.5911, 1.6814, 0.2407

Inverse Universe

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



45.2533, 46.1544, 70.1423



62.4635, 63.0963, 103.4944



46.2733, 44.0715, 69.6865



11.9510, 12.4255, 15.7060



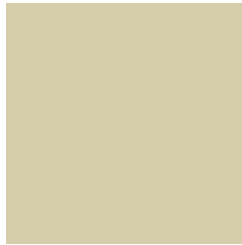
7.9595, 4.1807, 38.8406



0.5409, 0.3739, 2.3630

Previews

White Background



This preview shows how the XYZ color 56.9136, 60.8991, 47.2831 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 56.9136, 60.8991, 47.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

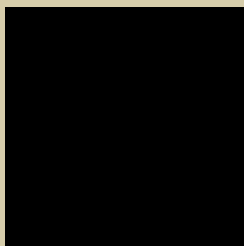
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

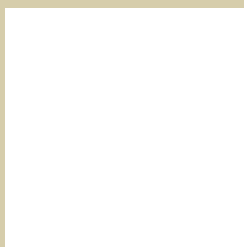
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9136, 60.8991, 47.2831

Background



This preview shows how black text looks on a background with the XYZ color 56.9136, 60.8991, 47.2831.



This preview shows how white text looks on a background with the XYZ color 56.9136, 60.8991,

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

56.9136, 60.8991, 47.2831

Protanopia

57.2625, 60.7249, 47.2311

Deuteranopia

62.1011, 60.7825, 47.9943



Tritanopia

62.2044, 60.9688, 72.7796

Trichromacy



Original Color

56.9136, 60.8991, 47.2831

Protanomaly

56.9679, 60.5731, 47.2173

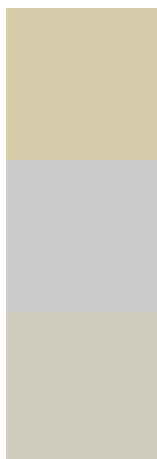
Deuteranomaly

60.0956, 60.7811, 47.5943

Tritanomaly

60.1089, 60.8022, 62.6008

Monochromacy



Original Color

56.9136, 60.8991, 47.2831

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.1197, 60.4014, 58.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9136, 60.8991, 47.2831 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(214, 205, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 205, 171)  
}
```

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(214, 205, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 205, 171) }
```

Border

The CSS property to change the border of an element to XYZ 56.9136, 60.8991, 47.2831 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(214, 205, 171) }
```


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

```
.border{ border-color:rgb(214, 205, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 205, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 205, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 205, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 205,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9136, 60.8991, 47.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 205, 171) }
```

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

```
.background{ background-color: rgb(214,  
205, 171) }
```

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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