

Converting Colors

XYZ(56.6751, 60.4221, 47.2036)

Have a look what the booklet for
XYZ(56.6751, 60.4221, 47.2036)
contains.

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Color

**XYZ(56.6751, 60.4221,
47.2036)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CCAB
RGB	214, 204, 171
RGB Percent	84%, 80%, 67%
CMY	0.1608, 0.2000, 0.3294
CMYK	0.00, 0.05, 0.20, 0.16
HSL	46°, 34%, 75%
HSV	46°, 20%, 84%
XYZ	56.6751, 60.4221, 47.2036
YIQ	203.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

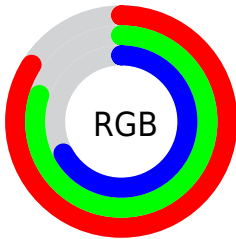
Format	Color
RYB	184, 214, 171
Decimal	14077099
CIELab	82.07, -1.86, 17.71
CIELCh	82, 17.810, 95.991
Yxy	60.4221, 0.3449, 0.3678
Android (android.graphics.Color)	4292267179 (0xFFD6CCAB)
YUV	203.2280, -15.8884, 9.4470
Hunter-Lab	77.7317, -5.8839, 18.4075

Details

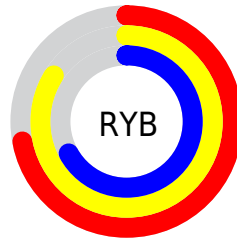
The XYZ color **56.6751, 60.4221, 47.2036** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.4559, 46.5597, 70.2099**, and the grayscale version is **56.9987, 59.9671, 65.3042**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **28.5342, 30.5155, 21.8389** is the 20% darker color. If you saturate the color by 10%, you get **53.6352, 57.3464, 36.9283**, and if you desaturate by 10%, it is **60.0863, 63.7109, 59.2334**.

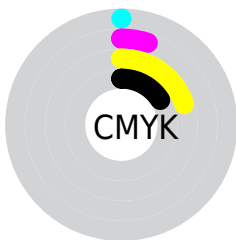
Distribution



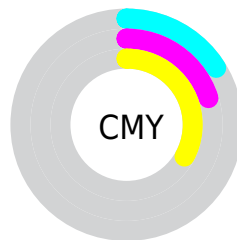
- Red (84%)
- Green (80%)
- Blue (67%)



- Red (72%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6751, 60.4221, 47.2036 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 56.6751, 60.4221, 47.2036 by changing the saturation by 10% instead.

■ 56.6751, 60.4221,
47.2036

■ 56.6751, 60.4221,
47.2036

402.2646,
426.1519, 392.0439

■ 40.9836, 43.7589,
32.8411

■ 99.1251, 105.4417,
87.3706

■ 28.4939, 30.4810,
21.7347

126.6142,
134.5670, 114.0123

■ 18.8406, 20.2040,
13.4656

158.7666,
168.6151, 145.5840

■ 11.6585, 12.5434,
7.6155

195.9476,
207.9704, 182.5045

■ 6.5821, 7.1149,
3.7657

238.5225,
253.0174, 225.1922

■ 3.2462, 3.5341,
1.4977

286.8568,

■ 1.2852, 1.4165,

304.1403, 274.0656

0.2162

341.3157,
361.7237, 329.5433

■ 0.1721, 0.2288,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6751, 60.4221,
47.2036

■ 56.6751, 60.4221,
47.2036

■ 53.6352, 57.3464,
36.9283

■ 60.0863, 63.7109,
59.2334

■ 50.9456, 54.4686,
28.3201

■ 63.8791, 67.2112,
73.0920

■ 48.5903, 51.7839,
21.2895

■ 68.0693, 70.9321,
88.8539

■ 46.5501, 49.2839,
15.7375

■ 72.4115, 74.7757,
105.2244

■ 44.8038, 46.9597,
11.5534

■ 73.7673, 77.4875,
105.6764

■ 43.3271, 44.8008,
8.6112

■ 75.1626, 80.2781,
106.1415

■ 42.0910, 42.7953,
6.7612

■ 76.5977, 83.1482,
106.6198

■ 41.0528, 40.9385,
5.7382

■ 78.0728, 86.0984,
107.1115

■ 79.5884, 89.1295,
107.6167

Harmonies

Analogous

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



60.4340, 60.4221, 48.5671



56.6751, 60.4221, 47.2036



53.2683, 60.4221, 50.3611

Triad

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



56.6751, 60.4221, 47.2036



51.7539, 60.4221, 78.7784



64.3190, 60.4221, 74.6161

Complementary

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



56.6751, 60.4221, 47.2036



45.4559, 46.5597, 70.2099

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.



61.8018, 60.4221, 84.0850



56.6751, 60.4221, 47.2036



54.5261, 60.4221, 86.6663

Square

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



56.6751, 60.4221, 47.2036



50.5082, 60.4221, 67.9831



58.1903, 60.4221, 88.7072



64.9557, 60.4221, 63.6434

Rectangle

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



56.6751, 60.4221, 47.2036



51.6197, 60.4221, 54.8328



58.1903, 60.4221, 88.7072



63.6595, 60.4221, 78.1162

Sweetspot

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



56.6767, 60.4248, 47.2049



91.5595, 96.8052, 96.0642



50.6390, 46.7603, 50.0914



19.5189, 20.6474, 20.2758



0.0000, 0.0000, 0.0000



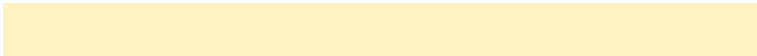
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6767, 60.4248, 47.2049



82.3435, 87.9227, 63.5521



55.8995, 63.6650, 47.8713



13.2167, 14.0077, 13.1679



24.8963, 24.9099, 3.4959



1.5625, 1.6241, 0.2311

Inverse Universe

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



45.4559, 46.5597, 70.2099



62.8091, 63.7875, 103.6096



46.1030, 43.9837, 69.6786



11.9746, 12.4725, 15.7138



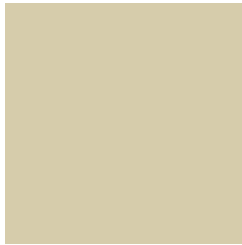
8.0856, 4.4330, 38.8827



0.5519, 0.3958, 2.3666

Previews

White Background



This preview shows how the XYZ color 56.6751, 60.4221, 47.2036 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 56.6751, 60.4221, 47.2036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

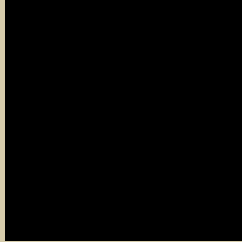
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6751, 60.4221, 47.2036

Background



This preview shows how black text looks on a background with the XYZ color 56.6751, 60.4221, 47.2036.



This preview shows how white text looks on a background with the XYZ color 56.6751, 60.4221,

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

56.6751, 60.4221, 47.2036

Protanopia

56.9679, 60.5731, 47.2173

Deuteranopia

61.5437, 60.1592, 47.9033



Tritanopia

61.8469, 60.4589, 72.0284

Trichromacy



Original Color

56.6751, 60.4221, 47.2036

Protanomaly

56.9679, 60.5731, 47.2173

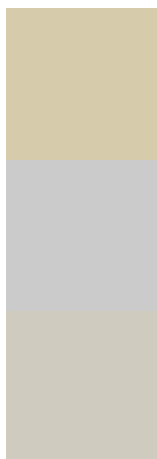
Deuteranomaly

59.5484, 60.1563, 47.5025

Tritanomaly

59.7608, 60.2912, 61.9137

Monochromacy



Original Color

56.6751, 60.4221, 47.2036

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4920, 59.7389, 57.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6751, 60.4221, 47.2036 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, 204, 171) looks like.

```
.text, #text, p{  
    color:rgb(214, 204, 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, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 204, 171) }
```

Border

The CSS property to change the border of an element to XYZ 56.6751, 60.4221, 47.2036 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, 204, 171) }
```


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

```
.border{ border-color:rgb(214, 204, 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, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 204,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6751, 60.4221, 47.2036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 204, 171) }
```

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

```
.background{ background-color: rgb(214,  
204, 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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