

Converting Colors

XYZ(47.4629, 50.6832, 43.5692)

Have a look what the booklet for
XYZ(47.4629, 50.6832, 43.5692)
contains.

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Color

**XYZ(47.3287, 50.6177,
43.3521)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BDA6
RGB	194, 189, 166
RGB Percent	76%, 74%, 65%
CMY	0.2392, 0.2588, 0.3490
CMYK	0.00, 0.03, 0.14, 0.24
HSL	49°, 19%, 71%
HSV	49°, 14%, 76%
XYZ	47.3287, 50.6177, 43.3521
YIQ	187.8730, 10.3630, -6.0930

Conversions

Conversions Part 2

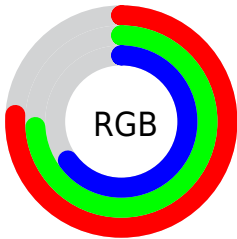
Format	Color
RYB	172, 194, 166
Decimal	12762534
CIELab	76.45, -2.17, 12.26
CIELCh	76, 12.448, 100.042
Yxy	50.6177, 0.3350, 0.3582
Android (android.graphics.Color)	4290952614 (0xFFC2BDA6)
YUV	187.8730, -10.7834, 5.3734
Hunter-Lab	71.1461, -5.7617, 13.6746

Details

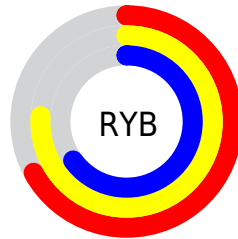
The XYZ color **47.3287, 50.6177, 43.3521** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.0264, 41.1271, 56.8682**, and the grayscale version is **47.7842, 50.2727, 54.7469**.

A 20% lighter version of the original color is **85.4872, 91.0345, 81.4724**, and **22.6566, 24.3987, 19.4349** is the 20% darker color. If you saturate the color by 10%, you get **44.9464, 48.4892, 34.4305**, and if you desaturate by 10%, it is **50.0000, 52.8937, 53.6957**.

Distribution



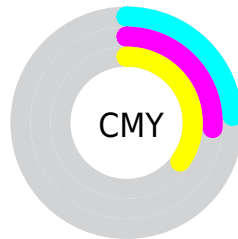
- Red (76%)
- Green (74%)
- Blue (65%)



- Red (67%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3287, 50.6177, 43.3521 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 47.3287, 50.6177, 43.3521 by changing the saturation by 10% instead.

■ 47.3287, 50.6177,
43.3521

■ 47.3287, 50.6177,
43.3521

366.7521,
389.0766, 376.0215

■ 33.5046, 35.9044,
29.8280

■ 85.4198, 91.0894,
81.5340

■ 22.6744, 24.3604,
19.4572

■ 110.4176,
117.6167, 107.0289

■ 14.4726, 15.6012,
11.8209

139.8706,
148.8507, 137.3511

■ 8.5340, 9.2424,
6.5008

174.1442,
185.1760, 172.9192

■ 4.4932, 4.8996,
3.0783

213.6038,
226.9768, 214.1518

■ 1.9847, 2.1885,
1.1347

258.6148,

■ 0.6254, 0.7137,

274.6376, 261.4673

0.0000

309.5424,
328.5427, 315.2844

■ 0.0000, 0.0000,
0.0000

■ 47.3287, 50.6177,
43.3521

■ 47.3287, 50.6177,
43.3521

■ 44.9464, 48.4892,
34.4305

■ 50.0000, 52.8937,
53.6957

■ 42.8369, 46.4963,
26.8645

■ 52.9676, 55.3151,
65.5174

■ 40.9886, 44.6359,
20.5872

■ 56.2435, 57.8887,
78.8738

■ 39.3872, 42.9022,
15.5249

■ 59.8380, 60.6187,
93.8181

■ 38.0174, 41.2888,
11.5962

■ 62.4451, 62.9830,
103.4735

■ 36.8615, 39.7883,
8.7098

■ 63.2894, 64.6715,
103.7549

■ 35.8995, 38.3927,
6.7602

■ 64.1521, 66.3970,
104.0425

■ 35.1070, 37.0919,
5.6197

■ 65.0335, 68.1597,
104.3362

■ 34.7127, 36.3981,
5.1960

■ 65.9335, 69.9598,
104.6363

Harmonies

Analogous

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



49.6660, 50.6177, 43.8462



47.3287, 50.6177, 43.3521



45.2679, 50.6177, 45.8079

Triad

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



47.3287, 50.6177, 43.3521



44.7408, 50.6177, 63.8457



52.4741, 50.6177, 59.6400

Complementary

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



47.3287, 50.6177, 43.3521



40.0264, 41.1271, 56.8682

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.



51.0699, 50.6177, 65.6023



47.3287, 50.6177, 43.3521



46.5880, 50.6177, 68.1638

Square

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



47.3287, 50.6177, 43.3521



43.8062, 50.6177, 57.3964



48.9011, 50.6177, 68.8315



52.6882, 50.6177, 52.8930

Rectangle

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



47.3287, 50.6177, 43.3521



44.3091, 50.6177, 48.9142



48.9011, 50.6177, 68.8315



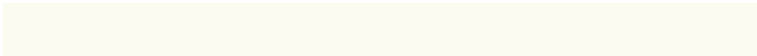
52.1235, 50.6177, 61.8168

Sweetspot

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



47.3301, 50.6199, 43.3532



90.7754, 95.9863, 98.0247



43.2484, 41.6879, 44.3626



19.7932, 20.9486, 21.1297



0.0000, 0.0000, 0.0000



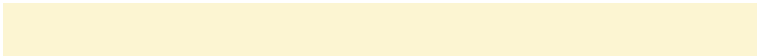
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3301, 50.6199, 43.3532



84.4724, 90.5886, 73.7017



46.2151, 51.6682, 43.6143



10.7556, 11.4427, 10.7037



22.8766, 24.0390, 3.4343



1.0294, 1.1205, 0.1620

Inverse Universe

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



40.0264, 41.1271, 56.8682



68.9500, 70.4145, 102.4271



41.0238, 40.2668, 56.6495



9.6704, 10.0322, 12.7115



6.8334, 3.4233, 33.8572



0.3408, 0.2391, 1.4781

Previews

White Background



This preview shows how the XYZ color 47.3287, 50.6177, 43.3521 looks on a white background.

Color Contrast Check

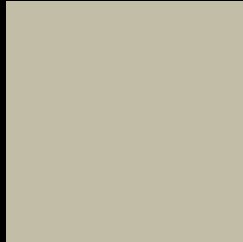
Large Text (above 18pt) WCAG AA × Fail

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 47.3287, 50.6177, 43.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

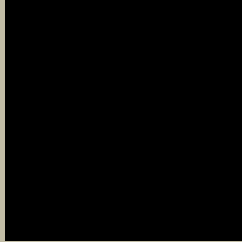
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

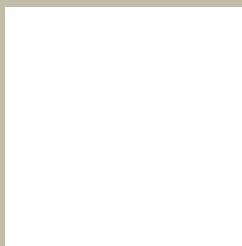
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3287, 50.6177, 43.3521

Background



This preview shows how black text looks on a background with the XYZ color 47.3287, 50.6177, 43.3521.



This preview shows how white text looks on a background with the XYZ color 47.3287, 50.6177,

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

47.3287, 50.6177, 43.3521

Protanopia

47.8007, 50.5534, 42.8357

Deuteranopia

51.4346, 50.5421, 43.6039



Tritanopia

50.7380, 50.4103, 61.0888

Trichromacy



Original Color

47.3287, 50.6177, 43.3521

Protanomaly

47.5397, 50.4188, 42.8235

Deuteranomaly

50.0561, 50.7533, 43.7173

Tritanomaly

49.5545, 50.5760, 54.1640

Monochromacy



Original Color

47.3287, 50.6177, 43.3521

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.4566, 50.2089, 50.3701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3287, 50.6177, 43.3521 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(194, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 166)  
}
```

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(194, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 166) }
```

Border

The CSS property to change the border of an element to XYZ 47.3287, 50.6177, 43.3521 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(194, 189, 166) }
```


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

```
.border{ border-color:rgb(194, 189, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3287, 50.6177, 43.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 166) }
```

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

```
.background{ background-color: rgb(194,  
189, 166) }
```

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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