

Converting Colors

XYZ(47.7277, 55.9108, 32.0418)

Have a look what the booklet for
XYZ(47.7277, 55.9108, 32.0418)
contains.

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Color

**XYZ(47.6095, 55.7245,
31.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CB89
RGB	192, 203, 137
RGB Percent	75%, 80%, 54%
CMY	0.2471, 0.2039, 0.4627
CMYK	0.05, 0.00, 0.33, 0.20
HSL	70°, 39%, 67%
HSV	70°, 33%, 80%
XYZ	47.6095, 55.7245, 31.9135
YIQ	192.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

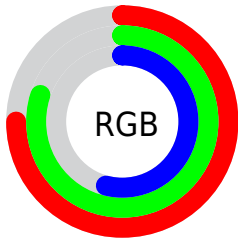
Format	Color
RYB	137, 203, 148
Decimal	12635017
CIELab	79.46, -14.36, 31.73
CIELCh	79, 34.828, 114.354
Yxy	55.7245, 0.3520, 0.4120
Android (android.graphics.Color)	4290825097 (0xFFC0CB89)
YUV	192.1870, -27.2072, -0.1640
Hunter-Lab	74.6488, -16.7918, 26.9068

Details

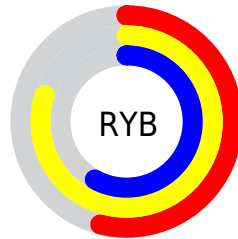
The XYZ color **47.6095, 55.7245, 31.9135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9401, 28.5005, 60.3209**, and the grayscale version is **50.3614, 52.9841, 57.6997**.

A 20% lighter version of the original color is **84.2309, 95.4213, 63.2689**, and **22.9084, 27.5701, 12.9182** is the 20% darker color. If you saturate the color by 10%, you get **45.4415, 54.7613, 24.9127**, and if you desaturate by 10%, it is **50.0741, 56.8124, 40.3606**.

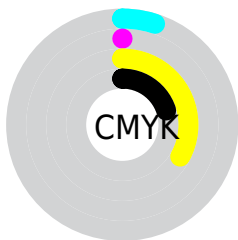
Distribution



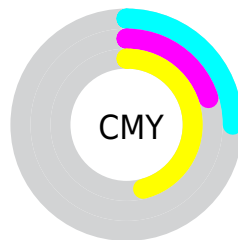
- Red (75%)
- Green (80%)
- Blue (54%)



- Red (54%)
- Yellow (80%)
- Blue (58%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6095, 55.7245, 31.9135 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 47.6095, 55.7245, 31.9135 by changing the saturation by 10% instead.

■ 47.6095, 55.7245,
31.9135

■ 47.6095, 55.7245,
31.9135

367.8506,
408.6524, 325.2056

■ 33.7277, 39.9821,
21.0312

■ 85.8359, 98.6017,
63.7718

■ 22.8464, 27.5246,
12.9553

■ 110.9113,
126.5052, 85.5848

■ 14.6002, 17.9676,
7.2674

■ 140.4485,
159.2312, 111.8785

■ 8.6238, 10.9267,
3.5489

174.8130,
197.1641, 143.0714

■ 4.5517, 6.0176,
1.3813

214.3701,
240.6883, 179.5820

■ 2.0188, 2.8558,
0.1271

259.4852,

■ 0.6445, 1.0569,

290.1881, 221.8289

0.0000

310.5235,
346.0480, 270.2306

■ 0.0000, 0.0000,
0.0000

■ 47.6095, 55.7245,
31.9135

■ 47.6095, 55.7245,
31.9135

■ 45.4415, 54.7613,
24.9127

■ 50.0741, 56.8124,
40.3606

■ 43.5502, 53.9092,
19.2735

■ 52.8454, 58.0234,
50.3252

■ 41.9201, 53.1638,
14.9080


■ 55.9380, 59.3652,
61.8781

■ 40.5321, 52.5175,
11.7164


■ 59.3647, 60.8429,
75.0848


■ 39.3643, 51.9614,
9.5841


■ 63.1371, 62.4613,
90.0067


 38.3904, 51.4851,
8.3736

 66.6477, 63.9773,
103.4439

 37.7531, 51.1667,
7.8864

 67.6357, 64.4866,
103.4901

 68.6442, 65.0066,
103.5373

 69.6735, 65.5372,
103.5855

Harmonies

Analogous

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



54.2987, 55.7245, 29.8481



47.6095, 55.7245, 31.9135



42.7694, 55.7245, 40.8812

Triad

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



47.6095, 55.7245, 31.9135



45.5066, 55.7245, 97.6677



67.5080, 55.7245, 64.5435

Complementary

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



47.6095, 55.7245, 31.9135



31.9401, 28.5005, 60.3209

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.



64.6632, 55.7245, 86.0046



47.6095, 55.7245, 31.9135



51.6523, 55.7245, 107.6456

Square

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



47.6095, 55.7245, 31.9135



41.6322, 55.7245, 77.9852



58.7066, 55.7245, 102.9657



66.1865, 55.7245, 46.1361

Rectangle

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



47.6095, 55.7245, 31.9135



41.0401, 55.7245, 50.8678



58.7066, 55.7245, 102.9657



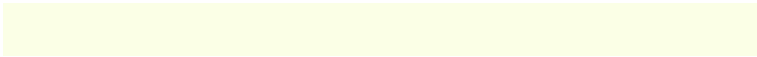
67.0002, 55.7245, 71.6669

Sweetspot

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



47.6109, 55.7270, 31.9147



89.6658, 97.6676, 88.6211



39.7358, 35.6840, 28.4611



19.0399, 20.8387, 18.4064



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.



47.6109, 55.7270, 31.9147



77.1232, 92.1547, 44.9759



40.1713, 51.8917, 31.5665



11.9631, 12.9984, 11.9579



24.0909, 32.5946, 5.0217



1.2928, 1.7073, 0.2614

Inverse Universe

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



31.9401, 28.5005, 60.3209



46.9053, 39.6318, 99.7853



38.7831, 32.0282, 60.6411



10.7732, 10.9324, 14.1127



7.3290, 2.9858, 36.1463



0.4337, 0.1827, 1.8673

Previews

White Background



This preview shows how the XYZ color 47.6095, 55.7245, 31.9135 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 47.6095, 55.7245, 31.9135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

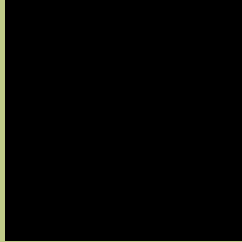
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

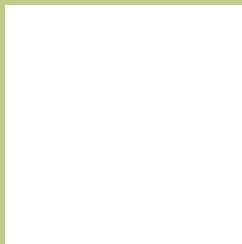
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6095, 55.7245, 31.9135

Background



This preview shows how black text looks on a background with the XYZ color 47.6095, 55.7245, 31.9135.



This preview shows how white text looks on a background with the XYZ color 47.6095, 55.7245,

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

47.6095, 55.7245, 31.9135

Protanopia

51.7099, 55.7999, 30.5993

Deuteranopia

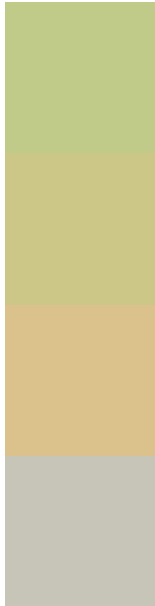
56.6485, 55.3523, 32.5093



Tritanopia

54.8878, 55.6045, 68.1614

Trichromacy



Original Color

47.6095, 55.7245, 31.9135

Protanomaly

49.9734, 55.5753, 31.0149

Deuteranomaly

52.9436, 55.0641, 32.2641

Tritanomaly

51.8022, 55.3572, 52.7545

Monochromacy



Original Color

47.6095, 55.7245, 31.9135

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.9245, 53.6649, 46.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6095, 55.7245, 31.9135 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(192, 203, 137)` looks like.

```
.text, #text, p{  
    color:rgb(192, 203, 137)  
}
```

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(192, 203, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 203, 137) }
```

Border

The CSS property to change the border of an element to XYZ 47.6095, 55.7245, 31.9135 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(192, 203, 137) }
```


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

```
.border{ border-color:rgb(192, 203, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 203, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 203, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 203, 137);  
box-shadow:4px 4px 4px 4px rgb(192, 203,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6095, 55.7245, 31.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 203, 137) }
```

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

```
.background{ background-color: rgb(192,  
203, 137) }
```

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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