

Converting Colors

XYZ(41.9658, 47.5864, 26.3757)

Have a look what the booklet for
XYZ(41.9658, 47.5864, 26.3757)
contains.

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Color

**XYZ(41.9655, 47.5861,
26.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	BBBB7D
RGB	187, 187, 125
RGB Percent	73%, 73%, 49%
CMY	0.2667, 0.2666, 0.5098
CMYK	0.00, 0.00, 0.33, 0.27
HSL	60°, 31%, 61%
HSV	60°, 33%, 73%
XYZ	41.9655, 47.5861, 26.3753
YIQ	179.9320, 19.9020, -19.2820

Conversions

Conversions Part 2

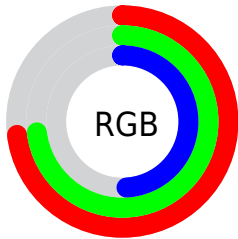
Format	Color
RYB	125, 187, 125
Decimal	12303229
CIELab	74.56, -9.62, 31.47
CIELCh	75, 32.908, 107.006
Yxy	47.5861, 0.3620, 0.4105
Android (android.graphics.Color)	4290493309 (0xFFBBBB7D)
YUV	179.9320, -27.0815, 6.1986
Hunter-Lab	68.9827, -12.1295, 25.6185

Details

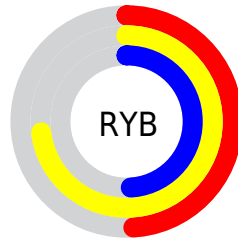
The XYZ color **41.9655, 47.5861, 26.3753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.7625, 22.6163, 50.0767**, and the grayscale version is **43.4802, 45.7446, 49.8158**.

A 20% lighter version of the original color is **77.3947, 86.5486, 54.7459**, and **19.4680, 22.5447, 9.9821** is the 20% darker color. If you saturate the color by 10%, you get **40.8818, 47.1542, 20.6650**, and if you desaturate by 10%, it is **43.2766, 48.1122, 33.2722**.

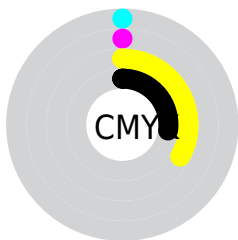
Distribution



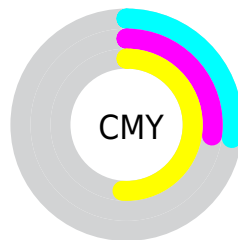
- Red (73%)
- Green (73%)
- Blue (49%)



- Red (49%)
- Yellow (73%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9655, 47.5861, 26.3753 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 41.9655, 47.5861, 26.3753 by changing the saturation by 10% instead.

■ 41.9655, 47.5861,
26.3753

■ 41.9655, 47.5861,
26.3753

345.3340,
377.1492, 298.2835

■ 29.2653, 33.4992,
16.8763

■ 77.4129, 86.5878,
54.8713

■ 19.4269, 22.5092,
9.9853

■ 100.8908,
112.2715, 74.7054

■ 12.0850, 14.2315,
5.2838

■ 128.6919,
142.5895, 98.8216

■ 6.8742, 8.2819,
2.3531

161.1817,
177.9263, 127.6385

■ 3.4292, 4.2758,
0.7607

198.7254,
218.6663, 161.5746

■ 1.3846, 1.8290,
0.0000

241.6885,

■ 0.2452, 0.5052,

265.1938, 201.0484

0.0000

290.4362,
317.8933, 246.4785

■ 0.0000, 0.0000,
0.0000

■ 41.9655, 47.5861,
26.3753

■ 41.9655, 47.5861,
26.3753

■ 40.8818, 47.1542,
20.6650

■ 43.2766, 48.1122,
33.2722

■ 40.0091, 46.8051,
16.0717

■ 44.8231, 48.7309,
41.4141

■ 39.3349, 46.5354,
12.5231


■ 46.6171, 49.4485,
50.8593


■ 38.8435, 46.3388,
9.9373


■ 48.6688, 50.2692,
61.6614


■ 38.5171, 46.2082,
8.2201


■ 50.9877, 51.1969,
73.8710


 38.3341, 46.1350,
7.2585

 53.5831, 52.2351,
87.5361

 38.2625, 46.1063,
6.8828

 56.3174, 53.3288,
101.9330

 56.3178, 53.3290,
101.9330

 56.3181, 53.3292,
101.9330

Harmonies

Analogous

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



47.8503, 47.5861, 25.9987



41.9655, 47.5861, 26.3753



37.3679, 47.5861, 32.5302

Triad

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



41.9655, 47.5861, 26.3753



37.8686, 47.5861, 79.6579



57.3157, 47.5861, 59.5340

Complementary

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



41.9655, 47.5861, 26.3753



24.7625, 22.6163, 50.0767

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.



54.1222, 47.5861, 77.5175



41.9655, 47.5861, 26.3753



42.7055, 47.5861, 90.7382

Square

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



41.9655, 47.5861, 26.3753



35.1486, 47.5861, 61.9971



48.6578, 47.5861, 89.8786



57.0734, 47.5861, 42.8104

Rectangle

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



41.9655, 47.5861, 26.3753



35.4953, 47.5861, 40.0405



48.6578, 47.5861, 89.8786



56.5974, 47.5861, 65.6930

Sweetspot

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



41.9667, 47.5882, 26.3763



81.1879, 87.6376, 78.9835



31.5304, 26.7139, 22.8972



17.7829, 19.2608, 16.8876



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



41.9667, 47.5882, 26.3763



73.6657, 84.6285, 39.3821



35.1841, 44.0917, 26.0589



10.3222, 11.1205, 10.1791



26.3617, 31.7658, 4.7420



1.0326, 1.2443, 0.1857

Inverse Universe

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



24.7625, 22.6163, 50.0767



37.9837, 32.8361, 88.5374



30.0150, 25.3241, 50.3225



9.0166, 9.2254, 11.9777



6.1803, 2.4721, 32.5443



0.2421, 0.0968, 1.2748

Previews

White Background



This preview shows how the XYZ color 41.9655, 47.5861, 26.3753 looks on a white background.

Color Contrast Check

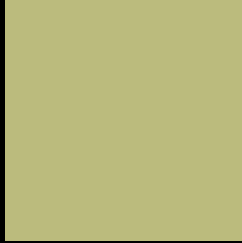
Large Text (above 18pt) WCAG AA × Fail

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 41.9655, 47.5861, 26.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

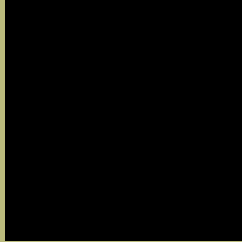
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

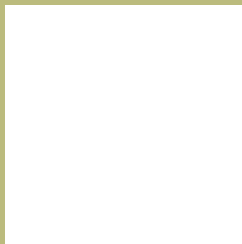
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9655, 47.5861, 26.3753

Background



This preview shows how black text looks on a background with the XYZ color 41.9655, 47.5861, 26.3753.



This preview shows how white text looks on a background with the XYZ color 41.9655, 47.5861,

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

41.9655, 47.5861, 26.3753

Protanopia

44.0618, 47.4391, 25.5733

Deuteranopia

48.3742, 47.2523, 26.6497



Tritanopia

48.2514, 47.6926, 57.1145

Trichromacy



Original Color

41.9655, 47.5861, 26.3753

Protanomaly

43.2843, 47.3383, 25.9247

Deuteranomaly

45.6181, 47.0120, 26.4085

Tritanomaly

45.5341, 47.4895, 43.8123

Monochromacy



Original Color

41.9655, 47.5861, 26.3753

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.8071, 46.4723, 39.9716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9655, 47.5861, 26.3753 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(187, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 187, 125)  
}
```

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(187, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 187, 125) }
```

Border

The CSS property to change the border of an element to XYZ 41.9655, 47.5861, 26.3753 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(187, 187, 125) }
```


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

```
.border{ border-color:rgb(187, 187, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 187, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 187, 125);  
box-shadow:4px 4px 4px 4px rgb(187, 187,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9655, 47.5861, 26.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 187, 125) }
```

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

```
.background{ background-color: rgb(187,  
187, 125) }
```

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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