

Converting Colors

XYZ(43.2426, 52.5182, 27.5966)

Have a look what the booklet for
XYZ(43.2426, 52.5182, 27.5966)
contains.

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Color

**XYZ(43.2426, 52.5182,
27.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C87E
RGB	180, 200, 126
RGB Percent	71%, 78%, 49%
CMY	0.2941, 0.2157, 0.5059
CMYK	0.10, 0.00, 0.37, 0.22
HSL	76°, 40%, 64%
HSV	76°, 37%, 78%
XYZ	43.2426, 52.5182, 27.5966
YIQ	185.5840, 11.8340, -27.2540

Conversions

Conversions Part 2

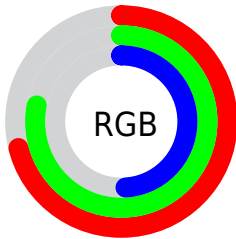
Format	Color
R_{YB}	126, 200, 146
Decimal	11847806
CIE _{Lab}	77.59, -18.85, 34.79
CIE _{LCh}	78, 39.569, 118.444
Yxy	52.5182, 0.3505, 0.4257
Android (android.graphics.Color)	4290037886 (0xFFB4C87E)
YUV	185.5840, -29.3749, -4.8972
Hunter-Lab	72.4694, -20.3104, 28.1508

Details

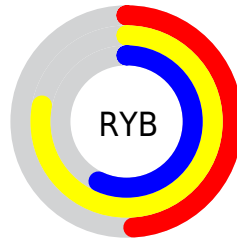
The XYZ color **43.2426, 52.5182, 27.5966** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7423, 25.2043, 57.9438**, and the grayscale version is **46.5950, 49.0215, 53.3844**.

A 20% lighter version of the original color is **78.9233, 92.8198, 56.9363**, and **20.1876, 25.5152, 10.6984** is the 20% darker color. If you saturate the color by 10%, you get **40.8452, 51.4184, 21.4081**, and if you desaturate by 10%, it is **45.9498, 53.7512, 35.1485**.

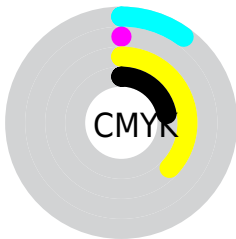
Distribution



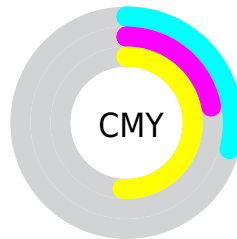
- Red (71%)
- Green (78%)
- Blue (49%)



- Red (49%)
- Yellow (78%)
- Blue (57%)



- Cyan (10%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2426, 52.5182, 27.5966 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 43.2426, 52.5182, 27.5966 by changing the saturation by 10% instead.

■ 43.2426, 52.5182,
27.5966

■ 43.2426, 52.5182,
27.5966

350.5131,
396.4339, 304.3853

■ 30.2709, 37.4183,
17.7854

■ 79.3303, 93.8950,
56.8551

■ 20.1934, 25.5315,
10.6282

■ 103.1769,
120.9407, 77.1394

■ 12.6448, 16.4735,
5.7064

■ 131.3792,
152.7372, 101.7519

■ 7.2597, 9.8598,
2.6015

164.3025,
189.6687, 131.1111

■ 3.6728, 5.3061,
0.8932

202.3122,
232.1197, 165.6355

■ 1.5187, 2.4280,
0.0000

245.7736,

■ 0.3385, 0.8402,

280.4747, 205.7436

0.0000

295.0522,
335.1180, 251.8540

■ 0.0000, 0.0000,
0.0000

■ 43.2426, 52.5182,
27.5966

■ 43.2426, 52.5182,
27.5966

■ 40.8452, 51.4184,
21.4081

■ 45.9498, 53.7512,
35.1485

■ 38.7376, 50.4384,
16.4983

■ 48.9776, 55.1163,
44.1351

■ 36.9034, 49.5733,
12.7780


■ 52.3409, 56.6214,
54.6268


■ 35.3228, 48.8151,
10.1454


■ 56.0527, 58.2717,
66.6885


■ 33.9726, 48.1545,
8.4815


■ 60.1249, 60.0722,
80.3810


 32.8218, 47.5790,
7.6261

 64.5690, 62.0274,
95.7623

 32.4987, 47.4162,
7.4394

 67.5728, 63.4125,
103.2861

 69.2147, 64.2589,
103.3629

 70.9099, 65.1328,
103.4423

Harmonies

Analogous

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



50.3170, 52.5182, 24.5975



43.2426, 52.5182, 27.5966



38.4174, 52.5182, 37.8725

Triad

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



43.2426, 52.5182, 27.5966



42.6177, 52.5182, 101.0420



66.0869, 52.5182, 58.3335

Complementary

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



43.2426, 52.5182, 27.5966



29.7423, 25.2043, 57.9438

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.



63.5089, 52.5182, 82.1447



43.2426, 52.5182, 27.5966



49.5191, 52.5182, 110.3853

Square

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



43.2426, 52.5182, 27.5966



38.0834, 52.5182, 79.6511



57.2450, 52.5182, 102.7211



63.9784, 52.5182, 39.3961

Rectangle

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



43.2426, 52.5182, 27.5966



36.8647, 52.5182, 49.1633



57.2450, 52.5182, 102.7211



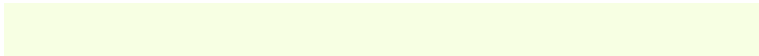
65.7351, 52.5182, 66.0315

Sweetspot

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



43.2439, 52.5205, 27.5977



88.1234, 96.9134, 86.6984



37.8250, 34.2630, 24.3593



18.6904, 20.6667, 18.0213



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.



43.2439, 52.5205, 27.5977



71.6513, 89.4517, 39.3967



35.7958, 48.6809, 27.2492



11.2335, 12.2673, 11.3385



20.7520, 30.1933, 4.7342



1.0491, 1.4639, 0.2273

Inverse Universe

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



29.7423, 25.2043, 57.9438



45.1048, 35.7040, 99.1220



37.3531, 29.1278, 58.3000



10.3212, 10.4239, 13.3855



7.6725, 3.1896, 34.9556



0.4347, 0.1878, 1.6585

Previews

White Background



This preview shows how the XYZ color 43.2426, 52.5182, 27.5966 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 43.2426, 52.5182, 27.5966 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 43.2426, 52.5182, 27.5966

Background



This preview shows how black text looks on a background with the XYZ color 43.2426, 52.5182, 27.5966.



This preview shows how white text looks on a background with the XYZ color 43.2426, 52.5182,

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

43.2426, 52.5182, 27.5966

Protanopia

48.2184, 52.1016, 26.2541

Deuteranopia

53.2758, 52.1367, 28.3745



Tritanopia

50.6681, 52.1818, 65.1592

Trichromacy



Original Color

43.2426, 52.5182, 27.5966

Protanomaly

46.2186, 52.0446, 26.6784

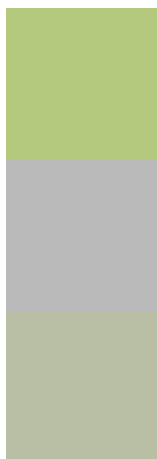
Deuteranomaly

49.0240, 51.8291, 28.1890

Tritanomaly

47.3780, 52.1573, 48.6446

Monochromacy



Original Color

43.2426, 52.5182, 27.5966

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.0988, 50.1323, 42.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2426, 52.5182, 27.5966 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(180, 200, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 126)  
}
```

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(180, 200, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.2426, 52.5182, 27.5966 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(180, 200, 126) }
```


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

```
.border{ border-color:rgb(180, 200, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 200, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2426, 52.5182, 27.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 126) }
```

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

```
.background{ background-color: rgb(180,  
200, 126) }
```

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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