

Converting Colors

XYZ(42.8214, 52.9583, 26.0725)

Have a look what the booklet for
XYZ(42.8214, 52.9583, 26.0725)
contains.

XYZ(42.9318, 53.0865, 26.0731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.9318, 53.0865,
26.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CA79
RGB	178, 202, 121
RGB Percent	70%, 79%, 47%
CMY	0.3020, 0.2078, 0.5255
CMYK	0.12, 0.00, 0.40, 0.21
HSL	78°, 43%, 63%
HSV	78°, 40%, 79%
XYZ	42.9318, 53.0865, 26.0731
YIQ	185.5900, 11.6970, -30.2790

Conversions

Conversions Part 2

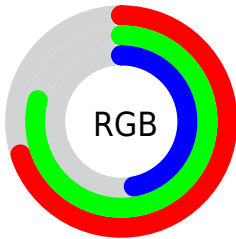
Format	Color
RYB	121, 202, 145
Decimal	11717241
CIELab	77.93, -21.22, 37.75
CIELCh	78, 43.301, 119.344
Yxy	53.0865, 0.3516, 0.4348
Android (android.graphics.Color)	4289907321 (0xFFB2CA79)
YUV	185.5900, -31.8429, -6.6564
Hunter-Lab	72.8605, -22.3278, 29.7854

Details

The XYZ color **42.9318, 53.0865, 26.0731** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.1772, 23.9602, 58.9671**, and the grayscale version is **46.6117, 49.0392, 53.4036**.

A 20% lighter version of the original color is **77.6609, 92.2382, 53.7550**, and **20.0394, 25.9198, 9.9081** is the 20% darker color. If you saturate the color by 10%, you get **40.4772, 51.9513, 20.1553**, and if you desaturate by 10%, it is **45.7084, 54.3611, 33.3621**.

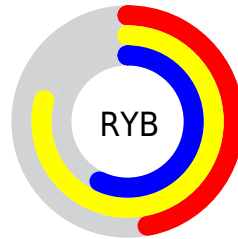
Distribution



Red (70%)

Green (79%)

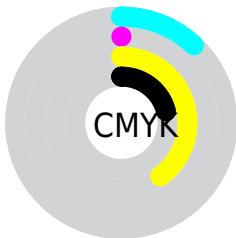
Blue (47%)



Red (47%)

Yellow (79%)

Blue (57%)

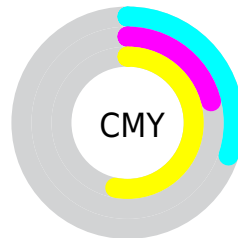


Cyan (12%)

Magenta (0%)

Yellow (40%)

Black (21%)



Cyan (30%)

Magenta (21%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9318, 53.0865, 26.0731 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 42.9318, 53.0865, 26.0731 by changing the saturation by 10% instead.

■ 42.9318, 53.0865,
26.0731

■ 42.9318, 53.0865,
26.0731

349.2575,
398.6169, 296.7576

■ 30.0259, 37.8718,
16.6521

■ 78.8643, 94.7316,
54.3784

■ 20.0064, 25.8832,
9.8274

■ 102.6216,
121.9309, 74.0997

■ 12.5080, 16.7363,
5.1806

■ 130.7267,
153.8938, 98.0916

■ 7.1653, 10.0467,
2.2930

163.5451,
191.0048, 126.7725

■ 3.6129, 5.4299,
0.7273

201.4419,
233.6481, 160.5610

■ 1.4856, 2.5016,
0.0000

244.7827,

■ 0.3160, 0.8775,

282.2084, 199.8757

0.0000

293.9328,
337.0698, 245.1351

■ 0.0000, 0.0000,
0.0000

■ 42.9318, 53.0865,
26.0731

■ 42.9318, 53.0865,
26.0731

■ 40.4772, 51.9513,
20.1553

■ 45.7084, 54.3611,
33.3621

■ 38.3236, 50.9414,
15.5192

■ 48.8187, 55.7744,
42.0975

■ 36.4533, 50.0517,
12.0704

■ 52.2786, 57.3346,
52.3528


■ 34.8450, 49.2733,
9.6996


■ 56.1015, 59.0473,
64.1960


■ 33.4731, 48.5961,
8.2776


■ 60.3003, 60.9175,
77.6906

 32.3013, 48.0067,
7.5638

 64.8871, 62.9503,
92.8967

 68.6579, 64.6641,
103.4705

 70.5014, 65.6144,
103.5568

 72.4105, 66.5986,
103.6461

Harmonies

Analogous

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



50.6427, 53.0865, 22.7299



42.9318, 53.0865, 26.0731



37.7719, 53.0865, 37.2372

Triad

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



42.9318, 53.0865, 26.0731



42.6441, 53.0865, 107.5672



68.4392, 53.0865, 58.3348

Complementary

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



42.9318, 53.0865, 26.0731



29.1772, 23.9602, 58.9671

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.



65.7052, 53.0865, 84.8137



42.9318, 53.0865, 26.0731



50.2720, 53.0865, 117.6672

Square

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



42.9318, 53.0865, 26.0731



37.6193, 53.0865, 83.6317



58.8141, 53.0865, 108.3725



65.9265, 53.0865, 37.9274

Rectangle

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



42.9318, 53.0865, 26.0731



36.1601, 53.0865, 49.6452



58.8141, 53.0865, 108.3725



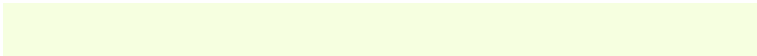
68.0989, 53.0865, 66.8070

Sweetspot

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



42.9331, 53.0889, 26.0742



87.2510, 96.5041, 84.8343



37.7759, 33.8700, 22.6364



18.5054, 20.5793, 17.6490



0.0000, 0.0000, 0.0000



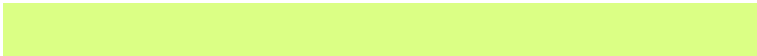
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9331, 53.0889, 26.0742



69.0975, 88.2202, 35.4321



35.1459, 49.0744, 25.7098



11.8175, 12.9233, 11.9510



20.8774, 30.9380, 4.8713



1.1509, 1.6341, 0.2548

Inverse Universe

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



29.1772, 23.9602, 58.9671



42.7177, 32.3067, 98.5921



37.3751, 28.1863, 59.3508



10.9090, 11.0024, 14.1191



8.1324, 3.3999, 36.1839



0.4964, 0.2150, 1.8703

Previews

White Background



This preview shows how the XYZ color 42.9318, 53.0865, 26.0731 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 42.9318, 53.0865, 26.0731 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 42.9318, 53.0865, 26.0731

Background



This preview shows how black text looks on a background with the XYZ color 42.9318, 53.0865, 26.0731.



This preview shows how white text looks on a background with the XYZ color 42.9318, 53.0865,

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

42.9318, 53.0865, 26.0731

Protanopia

48.6389, 52.6853, 24.4354

Deuteranopia

53.7972, 52.7506, 26.7485



Tritanopia

51.0984, 53.0231, 66.5728

Trichromacy



Original Color

42.9318, 53.0865, 26.0731

Protanomaly

46.2986, 52.7936, 24.8895

Deuteranomaly

49.4203, 52.7139, 26.6389

Tritanomaly

47.5840, 52.9287, 48.7826

Monochromacy



Original Color

42.9318, 53.0865, 26.0731

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.8997, 50.3752, 41.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9318, 53.0865, 26.0731 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(178, 202, 121)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 121)  
}
```

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(178, 202, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 121) }
```

Border

The CSS property to change the border of an element to XYZ 42.9318, 53.0865, 26.0731 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(178, 202, 121) }
```


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

```
.border{ border-color:rgb(178, 202, 121) }
```

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

Here you see how a box with a 4 pixel rgb(178, 202, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 121);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9318, 53.0865, 26.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 121) }
```

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

```
.background{ background-color: rgb(178,  
202, 121) }
```

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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