

Converting Colors

XYZ(41.5721, 53.0429, 28.1259)

Have a look what the booklet for
XYZ(41.5721, 53.0429, 28.1259)
contains.

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Color

**XYZ(41.5721, 53.0429,
28.1259)**

Conversions

Conversions Part 1

Format	Color
Hex	A8CC7F
RGB	168, 204, 127
RGB Percent	66%, 80%, 50%
CMY	0.3412, 0.2000, 0.5020
CMYK	0.18, 0.00, 0.38, 0.20
HSL	88°, 43%, 65%
HSV	88°, 38%, 80%
XYZ	41.5721, 53.0429, 28.1259
YIQ	184.4580, 3.2610, -31.5790

Conversions

Conversions Part 2

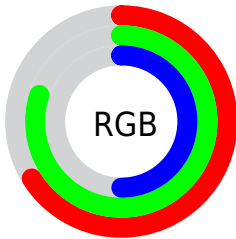
Format	Color
RYB	127, 204, 163
Decimal	11062399
CIELab	77.90, -25.20, 34.52
CIElCh	78, 42.744, 126.130
Yxy	53.0429, 0.3387, 0.4322
Android (android.graphics.Color)	4289252479 (0xFFA8CC7F)
YUV	184.4580, -28.3268, -14.4337
Hunter-Lab	72.8306, -25.5646, 28.0846

Details

The XYZ color **41.5721, 53.0429, 28.1259** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.5949, 27.3264, 60.6336**, and the grayscale version is **45.9653, 48.3590, 52.6630**.

A 20% lighter version of the original color is **74.8410, 90.7035, 57.2790**, and **19.3161, 25.9934, 11.0203** is the 20% darker color. If you saturate the color by 10%, you get **38.4185, 51.5572, 21.7270**, and if you desaturate by 10%, it is **45.1466, 54.7178, 35.9519**.

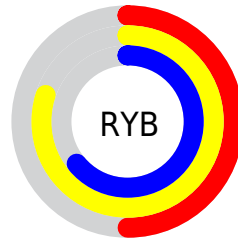
Distribution



Red (66%)

Green (80%)

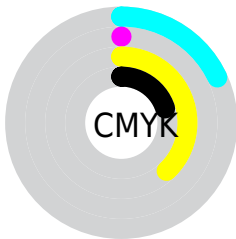
Blue (50%)



Red (50%)

Yellow (80%)

Blue (64%)

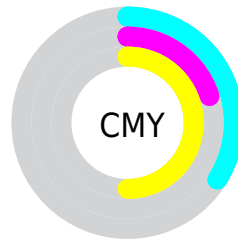


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (20%)



Cyan (34%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5721, 53.0429, 28.1259 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 41.5721, 53.0429, 28.1259 by changing the saturation by 10% instead.

■ 41.5721, 53.0429,
28.1259

■ 41.5721, 53.0429,
28.1259

343.7279,
398.4497, 306.9989

■ 28.9560, 37.8370,
18.1807

■ 76.8208, 94.6675,
57.7109

■ 19.1917, 25.8562,
10.9090

■ 100.1842,
121.8550, 78.1878

■ 11.9137, 16.7161,
5.8923

■ 127.8607,
153.8052, 103.0124

■ 6.7567, 10.0323,
2.7120

160.2158,
190.9024, 132.6031

■ 3.3554, 5.4204,
0.9494

197.6146,
233.5310, 167.3786

■ 1.3444, 2.4960,
0.0000

240.4227,

■ 0.2161, 0.8746,

282.0755, 207.7574

0.0000

289.0054,
336.9203, 254.1579

■ 0.0000, 0.0000,
0.0000

■ 41.5721, 53.0429,
28.1259

■ 41.5721, 53.0429,
28.1259

■ 38.4185, 51.5572,
21.7270

■ 45.1466, 54.7178,
35.9519

■ 35.6622, 50.2454,
16.6654

■ 49.1561, 56.5824,
45.2804

■ 33.2832, 49.1011,
12.8468


■ 53.6187, 58.6462,
56.1860


■ 31.2576, 48.1142,
10.1627


■ 58.5504, 60.9159,
68.7370


■ 29.5578, 47.2732,
8.4865


■ 63.9661, 63.3978,
82.9977


 28.1456, 46.5625,
7.6361

 69.8801, 66.0978,
99.0293

 27.8537, 46.4150,
7.4909

 73.8296, 68.0313,
103.8479

 77.0600, 69.6966,
103.9990

 80.4618, 71.4503,
104.1582

Harmonies

Analogous

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



48.7293, 53.0429, 23.1662



41.5721, 53.0429, 28.1259



37.1743, 53.0429, 41.1505

Triad

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



41.5721, 53.0429, 28.1259



44.2243, 53.0429, 110.4996



68.0232, 53.0429, 53.0065

Complementary

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



41.5721, 53.0429, 28.1259



33.5949, 27.3264, 60.6336

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.



66.4783, 53.0429, 78.3145



41.5721, 53.0429, 28.1259



52.1406, 53.0429, 116.2230

Square

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



41.5721, 53.0429, 28.1259



38.5838, 53.0429, 89.1433



60.4321, 53.0429, 103.1413



64.4485, 53.0429, 34.7636

Rectangle

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



41.5721, 53.0429, 28.1259



36.0994, 53.0429, 54.7217



60.4321, 53.0429, 103.1413



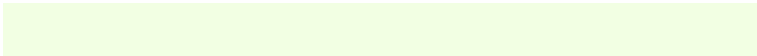
68.0903, 53.0429, 60.8978

Sweetspot

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



41.5734, 53.0452, 28.1270



86.1966, 95.9201, 86.6083



41.8200, 40.5423, 25.7007



18.2303, 20.4295, 17.9997



0.0000, 0.0000, 0.0000



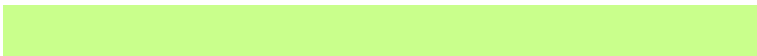
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5734, 53.0452, 28.1270



64.6926, 85.8863, 38.0758



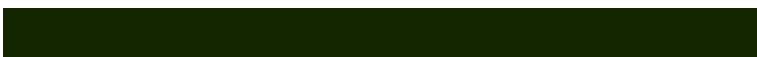
34.5648, 49.4322, 27.7990



11.6288, 12.8260, 11.9422



17.6390, 29.2685, 4.7197



0.9971, 1.5549, 0.2476

Inverse Universe

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



33.5949, 27.3264, 60.6336



49.6882, 37.5060, 99.2283



42.6946, 32.0175, 61.0595



11.0921, 11.0968, 14.1276



9.9611, 4.3427, 36.2695



0.6012, 0.2691, 1.8752

Previews

White Background



This preview shows how the XYZ color 41.5721, 53.0429, 28.1259 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 41.5721, 53.0429, 28.1259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

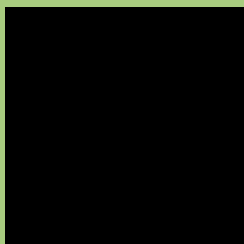
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5721, 53.0429, 28.1259

Background



This preview shows how black text looks on a background with the XYZ color 41.5721, 53.0429, 28.1259.



This preview shows how white text looks on a background with the XYZ color 41.5721, 53.0429,

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

41.5721, 53.0429, 28.1259

Protanopia

48.6570, 52.6597, 26.0122

Deuteranopia

53.9385, 52.7699, 29.1725



Tritanopia

49.6228, 52.8903, 67.9151

Trichromacy



Original Color

41.5721, 53.0429, 28.1259

Protanomaly

45.6262, 52.4044, 26.7791

Deuteranomaly

48.3922, 52.1387, 28.6323

Tritanomaly

46.2353, 52.8729, 50.4165

Monochromacy



Original Color

41.5721, 53.0429, 28.1259

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.6018, 49.3709, 41.8818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5721, 53.0429, 28.1259 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(168, 204, 127)` looks like.

```
.text, #text, p{  
    color:rgb(168, 204, 127)  
}
```

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(168, 204, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 204, 127) }
```

Border

The CSS property to change the border of an element to XYZ 41.5721, 53.0429, 28.1259 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(168, 204, 127) }
```


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

```
.border{ border-color:rgb(168, 204, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 204, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 204, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 204, 127);  
box-shadow:4px 4px 4px 4px rgb(168, 204,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5721, 53.0429, 28.1259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 204, 127) }
```

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

```
.background{ background-color: rgb(168,  
204, 127) }
```

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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