

Converting Colors

XYZ(41.3712, 53.5715, 29.4704)

Have a look what the booklet for
XYZ(41.3712, 53.5715, 29.4704)
contains.

XYZ(41.4779, 53.6738, 29.6467) 3

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Color

**XYZ(41.4779, 53.6738,
29.6467)**

Conversions

Conversions Part 1	
Format	Color
Hex	A4CE83
RGB	164, 206, 131
RGB Percent	64%, 81%, 51%
CMY	0.3569, 0.1921, 0.4863
CMYK	0.20, 0.00, 0.36, 0.19
HSL	94°, 43%, 66%
HSV	94°, 36%, 81%
XYZ	41.4779, 53.6738, 29.6467
YIQ	184.8920, -0.9570, -32.2290

Conversions

Conversions Part 2

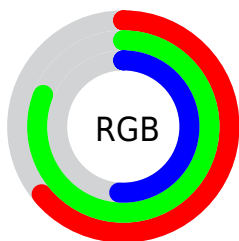
Format	Color
RYB	131, 206, 173
Decimal	10800771
CIELab	78.27, -27.09, 32.91
CIELCh	78, 42.622, 129.459
Yxy	53.6738, 0.3324, 0.4301
Android (android.graphics.Color)	4288990851 (0xFFA4CE83)
YUV	184.8920, -26.5688, -18.3223
Hunter-Lab	73.2624, -27.1505, 27.2911

Details

The XYZ color **41.4779, 53.6738, 29.6467** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.4927, 29.5746, 62.1805**, and the grayscale version is **46.1987, 48.6046, 52.9304**.

A 20% lighter version of the original color is **74.0322, 90.2384, 59.4148**, and **19.2317, 26.4152, 11.6744** is the 20% darker color. If you saturate the color by 10%, you get **37.9447, 51.9996, 22.9038**, and if you desaturate by 10%, it is **45.5075, 55.5751, 37.8640**.

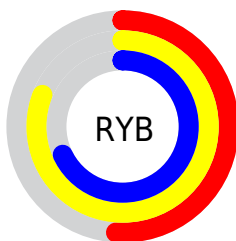
Distribution



Red (64%)

Green (81%)

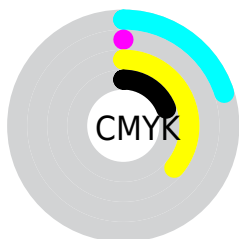
Blue (51%)



Red (51%)

Yellow (81%)

Blue (68%)

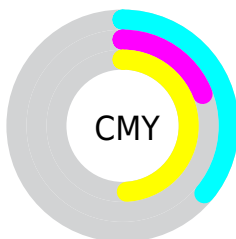


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (19%)



Cyan (36%)


Magenta (19%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4779, 53.6738, 29.6467 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 41.4779, 53.6738, 29.6467 by changing the saturation by 10% instead.


 41.4779, 53.6738,
29.6467

 41.4779, 53.6738,
29.6467


343.3426,
400.8649, 314.4100


 28.8820, 38.3409,
19.3208


 76.6790, 95.5951,
60.1574

 19.1354, 26.2474,
11.7232

 100.0149,
122.9524, 81.1793

 11.8728, 17.0088,
6.4352


 127.6615,
155.0865, 106.6036

 6.7287, 10.2408,
3.0384

159.9841,
192.3820, 136.8488

 3.3378, 5.5589,
1.1143

197.3482,
235.2232, 172.3335

 1.3348, 2.5788,
0.0000


240.1191,


 0.2091, 0.9160,


283.9945, 213.4763


0.0000


288.6621,
339.0802, 260.6956


 0.0000, 0.0000,
0.0000


 41.4779, 53.6738,
29.6467


 41.4779, 53.6738,
29.6467


 37.9447, 51.9996,
22.9038


 45.5075, 55.5751,
37.8640


 34.8815, 50.5359,
17.5445


 50.0501, 57.7054,
47.6324


 32.2654, 49.2747,
13.4734


 55.1264, 60.0753,
59.0275


 30.0696, 48.2044,
10.5813


 60.7547, 62.6929,
72.1188

 28.2635, 47.3122,
8.7411


 66.9523, 65.5656,
86.9719

 26.8093, 46.5821,
7.7907

 73.7358, 68.7005,
103.6489

 26.3509, 46.3504,
7.5577

 77.6947, 70.7340,
104.1658

 81.3624, 72.6248,
104.3375

Harmonies

Analogous

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



48.4222, 53.6738, 23.8103



41.4779, 53.6738, 29.6467



37.4108, 53.6738, 43.7489

Triad

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



41.4779, 53.6738, 29.6467



45.5874, 53.6738, 112.9318



68.5453, 53.6738, 51.2065

Complementary

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



41.4779, 53.6738, 29.6467



36.4927, 29.5746, 62.1805

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.



67.5730, 53.6738, 76.1029



41.4779, 53.6738, 29.6467



53.6995, 53.6738, 116.5342

Square

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



41.4779, 53.6738, 29.6467



39.5976, 53.6738, 92.8007



61.9130, 53.6738, 101.6100



64.4406, 53.6738, 33.8216

Rectangle

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



41.4779, 53.6738, 29.6467



36.5875, 53.6738, 58.0090



61.9130, 53.6738, 101.6100



68.8106, 53.6738, 58.8764

Sweetspot

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



41.4793, 53.6761, 29.6479



85.3132, 95.4647, 86.5669



44.3526, 44.3629, 27.6988



18.0200, 20.3211, 17.9899



0.0000, 0.0000, 0.0000



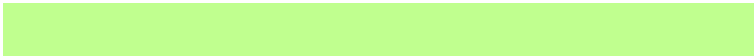
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4793, 53.6761, 29.6479



62.4826, 84.7250, 38.9676



35.7886, 50.7126, 30.7326



11.5286, 12.7744, 11.9375



16.3327, 28.5951, 4.6586



0.9292, 1.5199, 0.2444

Inverse Universe

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



36.4927, 29.5746, 62.1805



53.1951, 39.8747, 99.5006



44.2623, 33.6320, 60.1939



11.1927, 11.1486, 14.1324



11.3566, 5.0621, 36.3348



0.6722, 0.3056, 1.8785

Previews

White Background



This preview shows how the XYZ color 41.4779, 53.6738, 29.6467 looks on a white background.

Color Contrast Check

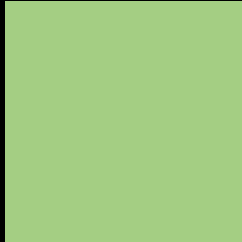
Large Text (above 18pt) WCAG AA × Fail

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 41.4779, 53.6738, 29.6467 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 41.4779, 53.6738, 29.6467

Background



This preview shows how black text looks on a background with the XYZ color 41.4779, 53.6738, 29.6467.



This preview shows how white text looks on a background with the XYZ color 41.4779, 53.6738,

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

41.4779, 53.6738, 29.6467

Protanopia

49.4142, 53.3479, 27.4314

Deuteranopia

54.4260, 53.2985, 30.7116



Tritanopia

49.5281, 53.4634, 69.9964

Trichromacy



Original Color
41.4779, 53.6738, 29.6467

Protanomaly
46.0827, 53.2841, 28.2781

Deuteranomaly
48.8266, 52.9830, 30.2076

Tritanomaly
46.2148, 53.4981, 52.6901

Monochromacy



Original Color
41.4779, 53.6738, 29.6467

Achromatopsia
46.1135, 48.5150, 52.8328

Achromatomaly
43.9930, 50.2037, 42.9689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4779, 53.6738, 29.6467 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(164, 206, 131)` looks like.

```
.text, #text, p{  
    color:rgb(164, 206, 131)  
}
```

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(164, 206, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 206, 131) }
```

Border

The CSS property to change the border of an element to XYZ 41.4779, 53.6738, 29.6467 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(164, 206, 131) }
```


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

```
.border{ border-color:rgb(164, 206, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 206, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 206, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 206, 131);  
box-shadow:4px 4px 4px 4px rgb(164, 206,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4779, 53.6738, 29.6467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 206, 131) }
```

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

```
.background{ background-color: rgb(164,  
206, 131) }
```

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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