

Converting Colors

XYZ(52.3391, 54.0566, 28.3940)

Have a look what the booklet for
XYZ(52.3391, 54.0566, 28.3940)
contains.

XYZ(52.4120, 54.2187, 28.4717)	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(52.4120, 54.2187,
28.4717)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBF81
RGB	221, 191, 129
RGB Percent	87%, 75%, 51%
CMY	0.1333, 0.2510, 0.4941
CMYK	0.00, 0.14, 0.42, 0.13
HSL	40°, 57%, 69%
HSV	40°, 42%, 87%
XYZ	52.4120, 54.2187, 28.4717
YIQ	192.9020, 37.7820, -12.9220

Conversions

Conversions Part 2

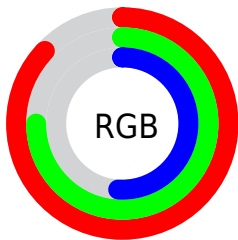
Format	Color
RYB	174, 221, 129
Decimal	14532481
CIELab	78.59, 2.30, 35.19
CIELCh	79, 35.267, 86.254
Yxy	54.2187, 0.3879, 0.4013
Android (android.graphics.Color)	4292722561 (0xFFDDBF81)
YUV	192.9020, -31.5037, 24.6419
Hunter-Lab	73.6333, -1.8026, 28.6178

Details

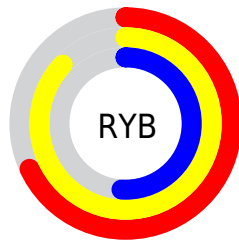
The XYZ color **52.4120, 54.2187, 28.4717** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.5021, 34.6826, 73.2824**, and the grayscale version is **50.7958, 53.4412, 58.1974**.

A 20% lighter version of the original color is **83.0480, 91.2004, 58.0261**, and **25.8096, 26.6340, 11.1777** is the 20% darker color. If you saturate the color by 10%, you get **49.5665, 50.6297, 21.0430**, and if you desaturate by 10%, it is **55.6553, 58.0945, 37.6016**.

Distribution



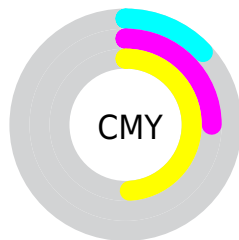
- Red (87%)
- Green (75%)
- Blue (51%)



- Red (68%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (13%)



- Cyan (13%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4120, 54.2187, 28.4717 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 52.4120, 54.2187, 28.4717 by changing the saturation by 10% instead.

■ 52.4120, 54.2187,
28.4717

■ 52.4120, 54.2187,
28.4717

386.3230,
402.9434, 308.6966

■ 37.5592, 38.7765,
18.4394

■ 92.9092, 96.3953,
58.2688

■ 25.8164, 26.5859,
11.0932

■ 119.2843,
123.8985, 78.8707

■ 16.8183, 17.2625,
6.0146

■ 150.2308,
156.1908, 103.8328

■ 10.1995, 10.4218,
2.7850

186.1142,
193.6567, 133.5738

■ 5.5947, 5.6795,
0.9859

227.2998,
236.6805, 168.5121

■ 2.6386, 2.6512,
0.0000

274.1528,

■ 0.9656, 0.9525,

285.6466, 209.0663

0.0000

327.0388,
340.9395, 255.6550

■ 0.0000, 0.0000,
0.0000

■ 52.4120, 54.2187,
28.4717

■ 52.4120, 54.2187,
28.4717

■ 49.5665, 50.6297,
21.0430

■ 55.6553, 58.0945,
37.6016

■ 47.0929, 47.3094,
15.2027

■ 59.3121, 62.2591,
48.5288

■ 44.9682, 44.2489,
10.8299


■ 63.4024, 66.7242,
61.3463


■ 43.1649, 41.4352,
7.7843


■ 67.9432, 71.4983,
76.1396


■ 41.6500, 38.8533,
5.8983

■ 72.9508, 76.5895,
92.9889

 40.5578, 36.8503,
4.9752

 77.3591, 81.5729,
106.2756

 79.4552, 85.7650,
106.9743

 81.6356, 90.1259,
107.7011

 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



59.3248, 54.2187, 32.5725



52.4120, 54.2187, 28.4717



45.8413, 54.2187, 30.9179

Triad

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



52.4120, 54.2187, 28.4717



40.4463, 54.2187, 77.6482



63.4717, 54.2187, 82.9687

Complementary

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



52.4120, 54.2187, 28.4717



34.5021, 34.6826, 73.2824

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.



57.6778, 54.2187, 100.4749



52.4120, 54.2187, 28.4717



44.4557, 54.2187, 96.9497

Square

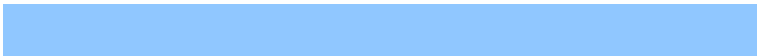
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.4120, 54.2187, 28.4717



39.3077, 54.2187, 56.5676



50.6644, 54.2187, 106.0914



66.0623, 54.2187, 61.5730

Rectangle

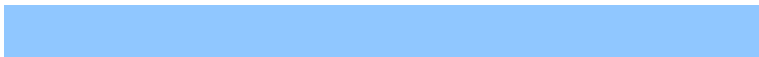
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.4120, 54.2187, 28.4717



42.4638, 54.2187, 36.3152



50.6644, 54.2187, 106.0914



61.8100, 54.2187, 89.6744

Sweetspot

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



52.4133, 54.2212, 28.4728



87.4084, 91.9826, 83.9533



43.9854, 33.5996, 37.2727



18.5429, 19.5094, 17.4405



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.



52.4133, 54.2212, 28.4728



69.0063, 70.6111, 30.2422



55.1802, 66.3720, 30.6723



13.7858, 14.5110, 13.7999



23.6679, 21.6214, 2.9259



1.6105, 1.5551, 0.2153

Inverse Universe

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



34.5021, 34.6826, 73.2824



41.0778, 40.1721, 100.1967



32.4618, 26.8810, 71.8841



12.6836, 13.3070, 16.5522



9.0218, 5.9130, 40.4042



0.6615, 0.5371, 2.6433

Previews

White Background



This preview shows how the XYZ color 52.4120, 54.2187, 28.4717 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 52.4120, 54.2187, 28.4717 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 52.4120, 54.2187, 28.4717

Background



This preview shows how black text looks on a background with the XYZ color 52.4120, 54.2187, 28.4717.



This preview shows how white text looks on a background with the XYZ color 52.4120, 54.2187,

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

52.4120, 54.2187, 28.4717

Protanopia

50.4083, 54.4908, 28.9801

Deuteranopia

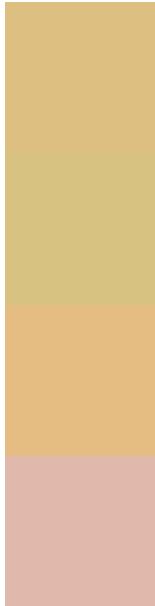
55.1924, 54.0532, 28.6434



Tritanopia

58.8009, 53.9811, 60.1436

Trichromacy



Original Color

52.4120, 54.2187, 28.4717

Protanomaly

51.3454, 54.6424, 28.9599

Deuteranomaly

54.3256, 54.2362, 28.7245

Tritanomaly

55.8467, 53.6840, 46.4483

Monochromacy



Original Color

52.4120, 54.2187, 28.4717

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7339, 53.2981, 45.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4120, 54.2187, 28.4717 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(221, 191, 129)` looks like.

```
.text, #text, p{  
    color:rgb(221, 191, 129)  
}
```

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(221, 191, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 191, 129) }
```

Border

The CSS property to change the border of an element to XYZ 52.4120, 54.2187, 28.4717 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(221, 191, 129) }
```


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

```
.border{ border-color:rgb(221, 191, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 191, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 191, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 191, 129);  
box-shadow:4px 4px 4px 4px rgb(221, 191,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4120, 54.2187, 28.4717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 191, 129) }
```

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

```
.background{ background-color: rgb(221,  
191, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor