

Converting Colors

XYZ(53.2930, 51.2218, 53.5861)

Have a look what the booklet for
XYZ(53.2930, 51.2218, 53.5861)
contains.

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Color

**XYZ(53.3224, 51.2972,
53.5453)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B6BA
RGB	214, 182, 186
RGB Percent	84%, 71%, 73%
CMY	0.1608, 0.2863, 0.2706
CMYK	0.00, 0.15, 0.13, 0.16
HSL	353°, 28%, 78%
HSV	353°, 15%, 84%
XYZ	53.3224, 51.2972, 53.5453
YIQ	192.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

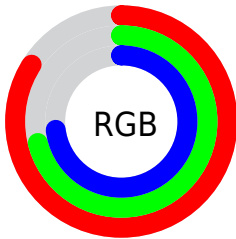
Format	Color
R _Y B	214, 182, 186
Decimal	14071482
CIE Lab	76.86, 12.12, 2.24
CIE LCh	77, 12.328, 10.454
Yxy	51.2972, 0.3371, 0.3243
Android (android.graphics.Color)	4292261562 (0xFFD6B6BA)
YUV	192.0240, -2.9698, 19.2730
Hunter-Lab	71.6221, 7.5541, 5.8097

Details

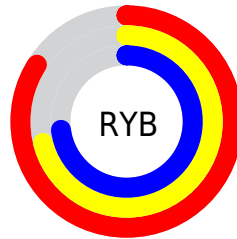
The XYZ color **53.3224, 51.2972, 53.5453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.9728, 62.6926, 70.1793**, and the grayscale version is **50.1276, 52.7382, 57.4319**.

A 20% lighter version of the original color is **87.8415, 88.8199, 96.5186**, and **26.3820, 24.7649, 25.5799** is the 20% darker color. If you saturate the color by 10%, you get **47.4081, 42.4483, 42.3868**, and if you desaturate by 10%, it is **60.1702, 61.5945, 66.3036**.

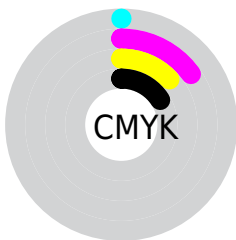
Distribution



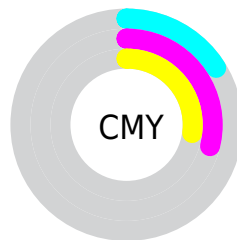
- Red (84%)
- Green (71%)
- Blue (73%)



- Red (84%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3224, 51.2972, 53.5453 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 53.3224, 51.2972, 53.5453 by changing the saturation by 10% instead.


 53.3224, 51.2972,
53.5453

 53.3224, 51.2972,
53.5453


389.7615,
391.7174, 417.4992

 38.2887, 36.4452,
37.8476

 94.2413, 92.0939,
96.8560

 26.3851, 24.7782,
25.5635


120.8573,
118.8074, 125.3059

 17.2461, 15.9119,
16.2745


152.0648,
150.2436, 158.8438

 10.5065, 9.4618,
9.5622

188.2290,
186.7867, 197.8879

 5.8009, 5.0436,
5.0079

229.7155,
228.8213, 242.8570

 2.7639, 2.2729,
2.1931

276.8895,

 1.0302, 0.7593,

276.7316, 294.1696

0.6704

330.1163,
330.9022, 352.2441

■ 0.0000, 0.0000,
0.0000

■ 53.3224, 51.2972,
53.5453

■ 53.3224, 51.2972,
53.5453

■ 47.4081, 42.4483,
42.3868

■ 60.1702, 61.5945,
66.3036

■ 42.3828, 34.9764,
32.7616

■ 67.9852, 73.3938,
80.7180

■ 38.2044, 28.8141,
24.6036

■ 76.8046, 86.7546,
96.8460

■ 34.8260, 23.8858,
17.8404

■ 81.5418, 93.0363,
108.2678

■ 32.1959, 20.1082,
12.3933

■ 30.2565, 17.3875,
8.1761

■ 28.9412, 15.6153,
5.0918

■ 28.1704, 14.6596,
3.0286

■ 27.9265, 14.3741,
2.3230

Harmonies

Analogous

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



53.1265, 51.2972, 60.2827



53.3224, 51.2972, 53.5453



52.2655, 51.2972, 47.8935

Triad

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



53.3224, 51.2972, 53.5453



45.8913, 51.2972, 46.6001



47.2647, 51.2972, 68.9166

Complementary

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



53.3224, 51.2972, 53.5453



54.9728, 62.6926, 70.1793

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.



45.4081, 51.2972, 64.6509



53.3224, 51.2972, 53.5453



44.6329, 51.2972, 51.6475

Square

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



53.3224, 51.2972, 53.5453



47.9435, 51.2972, 44.1021



44.4589, 51.2972, 58.2280



49.5785, 51.2972, 69.5273

Rectangle

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



53.3224, 51.2972, 53.5453



51.0119, 51.2972, 45.3643



44.4589, 51.2972, 58.2280



46.5684, 51.2972, 67.8474

Sweetspot

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



53.3238, 51.2995, 53.5464



90.4778, 93.1022, 100.4501



55.3695, 51.9758, 70.7329



19.1876, 19.6588, 21.1700



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.



53.3238, 51.2995, 53.5464



76.3092, 71.8077, 74.0156



55.4091, 56.1404, 52.1746



12.4857, 12.4458, 13.2322



16.9004, 8.6965, 1.5139



1.0407, 0.5331, 0.2035

Inverse Universe

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



53.3238, 51.2995, 53.5464



76.3092, 71.8077, 74.0156



52.6140, 57.1682, 71.8803



12.4857, 12.4458, 13.2322



16.9004, 8.6965, 1.5139



1.0407, 0.5331, 0.2035

Previews

White Background



This preview shows how the XYZ color 53.3224, 51.2972, 53.5453 looks on a white background.

Color Contrast Check

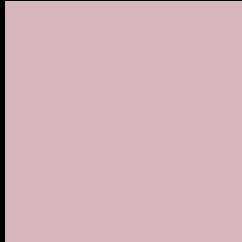
Large Text (above 18pt) WCAG AA × Fail

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 53.3224, 51.2972, 53.5453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

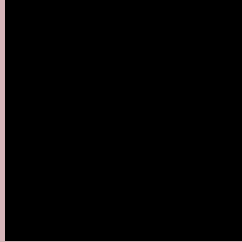
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3224, 51.2972, 53.5453

Background



This preview shows how black text looks on a background with the XYZ color 53.3224, 51.2972, 53.5453.



This preview shows how white text looks on a background with the XYZ color 53.3224, 51.2972,

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

53.3224, 51.2972, 53.5453

Protanopia

49.4842, 51.4504, 56.0380

Deuteranopia

52.5818, 51.5278, 53.6289



Tritanopia

54.3985, 51.4350, 58.6906

Trichromacy



Original Color

53.3224, 51.2972, 53.5453

Protanomaly

50.8316, 51.2094, 55.3494

Deuteranomaly

52.6604, 51.2610, 53.5732

Tritanomaly

54.0626, 51.3006, 56.9218

Monochromacy



Original Color

53.3224, 51.2972, 53.5453

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0969, 51.9635, 56.0521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3224, 51.2972, 53.5453 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(214, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 186)  
}
```

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(214, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 186) }
```

Border

The CSS property to change the border of an element to XYZ 53.3224, 51.2972, 53.5453 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(214, 182, 186) }
```


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

```
.border{ border-color:rgb(214, 182, 186) }
```

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

Here you see how a box with a 4 pixel rgb(214, 182, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3224, 51.2972, 53.5453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 182, 186) }
```

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

```
.background{ background-color: rgb(214,  
182, 186) }
```

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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