

Converting Colors

XYZ(51.5083, 53.1721, 24.7526)

Have a look what the booklet for
XYZ(51.5083, 53.1721, 24.7526)
contains.

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Color

**XYZ(51.5918, 53.2328,
24.6953)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBD76
RGB	222, 189, 118
RGB Percent	87%, 74%, 46%
CMY	0.1294, 0.2588, 0.5372
CMYK	0.00, 0.15, 0.47, 0.13
HSL	41°, 61%, 67%
HSV	41°, 47%, 87%
XYZ	51.5918, 53.2328, 24.6953
YIQ	190.7730, 42.4590, -15.0850

Conversions

Conversions Part 2

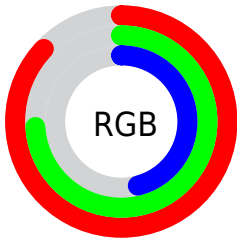
Format	Color
RYB	166, 222, 118
Decimal	14597494
CIELab	78.01, 2.64, 40.12
CIELCh	78, 40.208, 86.234
Yxy	53.2328, 0.3983, 0.4110
Android (android.graphics.Color)	4292787574 (0xFFDEBD76)
YUV	190.7730, -35.8771, 27.3861
Hunter-Lab	72.9608, -1.4611, 31.0045

Details

The XYZ color **51.5918, 53.2328, 24.6953** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **31.7222, 31.2575, 73.4684**, and the grayscale version is **49.5749, 52.1566, 56.7986**.

A 20% lighter version of the original color is **81.2431, 89.5051, 51.5223**, and **25.3646, 26.0250, 9.1553** is the 20% darker color. If you saturate the color by 10%, you get **48.9467, 49.8111, 18.0534**, and if you desaturate by 10%, it is **54.6236, 56.9309, 32.9989**.

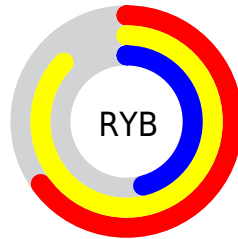
Distribution



Red (87%)

Green (74%)

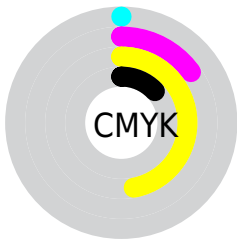
Blue (46%)



Red (65%)

Yellow (87%)

Blue (46%)

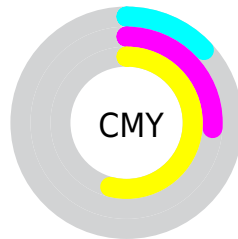


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (13%)



Cyan (13%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5918, 53.2328, 24.6953 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 51.5918, 53.2328, 24.6953 by changing the saturation by 10% instead.


 51.5918, 53.2328,
24.6953

 51.5918, 53.2328,
24.6953


383.2086,
399.1776, 289.7160


 36.9028, 37.9886,
15.6332


 91.7067, 94.9468,
52.1205

 25.3055, 25.9739,
9.1135


 117.8634,
122.1855, 71.3206

 16.4348, 16.8041,
4.7174

 148.5732,
154.1912, 94.7372

 9.9251, 10.0949,
2.0266

184.2017,
191.3482, 122.7889

 5.4112, 5.4619,
0.5716

225.1141,
234.0409, 155.8940

 2.5277, 2.5208,
0.0000

271.6758,

 0.9093, 0.8870,

282.6538, 194.4712

0.0000

324.2522,
337.5713, 238.9391

■ 0.0000, 0.0000,
0.0000

■ 51.5918, 53.2328,
24.6953

■ 51.5918, 53.2328,
24.6953

■ 48.9467, 49.8111,
18.0534

■ 54.6236, 56.9309,
32.9989

■ 46.6611, 46.6473,
12.9530

■ 58.0592, 60.9078,
43.0664

■ 44.7104, 43.7319,
9.2633


■ 61.9190, 65.1754,
54.9956


■ 43.0642, 41.0509,
6.8294


■ 66.2212, 69.7424,
68.8760


■ 41.6835, 38.5870,
5.4522


■ 70.9824, 74.6171,
84.7915

 41.2825, 37.8464,
5.1293

 76.2185, 79.8072,
102.8209

 78.8382, 84.0777,
106.6811

 80.9326, 88.2666,
107.3793

 83.1082, 92.6178,
108.1045

Harmonies

Analogous

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



59.4373, 53.2328, 28.9897



51.5918, 53.2328, 24.6953



44.2262, 53.2328, 27.2411

Triad

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



51.5918, 53.2328, 24.6953



38.2532, 53.2328, 79.1958



64.1780, 53.2328, 85.3925

Complementary

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



51.5918, 53.2328, 24.6953



31.7222, 31.2575, 73.4684

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.



57.5501, 53.2328, 105.9000



51.5918, 53.2328, 24.6953



42.6784, 53.2328, 101.7224

Square

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



51.5918, 53.2328, 24.6953



37.0064, 53.2328, 55.1745



49.6135, 53.2328, 112.5351



67.1619, 53.2328, 60.8408

Rectangle

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



51.5918, 53.2328, 24.6953



40.4802, 53.2328, 32.9519



49.6135, 53.2328, 112.5351



62.2710, 53.2328, 93.2100

Sweetspot

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



51.5931, 53.2353, 24.6964



86.3184, 90.8956, 80.2202



42.3252, 30.7758, 33.7029



18.2112, 19.1709, 16.3285



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.



51.5931, 53.2353, 24.6964



67.1474, 68.3775, 25.0468



54.4763, 66.4822, 27.1013



14.4859, 15.2578, 14.4883



24.6252, 22.6882, 3.0814



1.7863, 1.7315, 0.2401

Inverse Universe

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



31.7222, 31.2575, 73.4684



36.9000, 34.9628, 99.4114



29.7091, 23.4100, 72.0598



13.3052, 13.9495, 17.3789



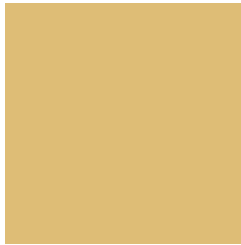
9.2370, 5.9437, 41.7088



0.7189, 0.5694, 2.9172

Previews

White Background



This preview shows how the XYZ color 51.5918, 53.2328, 24.6953 looks on a white background.

Color Contrast Check

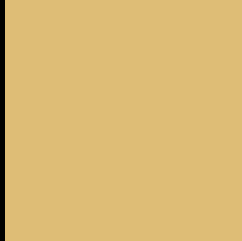
Large Text (above 18pt) WCAG AA × Fail

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 51.5918, 53.2328, 24.6953 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 51.5918, 53.2328, 24.6953

Background



This preview shows how black text looks on a background with the XYZ color 51.5918, 53.2328, 24.6953.



This preview shows how white text looks on a background with the XYZ color 51.5918, 53.2328,

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

51.5918, 53.2328, 24.6953

Protanopia

49.3241, 53.3449, 25.4662

Deuteranopia

54.4019, 53.1053, 24.8358



Tritanopia

58.3720, 53.1956, 58.2302

Trichromacy



Original Color

51.5918, 53.2328, 24.6953

Protanomaly

50.2037, 53.4783, 25.1291

Deuteranomaly

53.5218, 53.2727, 24.9145

Tritanomaly

55.1805, 52.7889, 43.3573

Monochromacy



Original Color

51.5918, 53.2328, 24.6953

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4714, 52.0638, 42.5639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5918, 53.2328, 24.6953 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(222, 189, 118)` looks like.

```
.text, #text, p{  
    color:rgb(222, 189, 118)  
}
```

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(222, 189, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 189, 118) }
```

Border

The CSS property to change the border of an element to XYZ 51.5918, 53.2328, 24.6953 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(222, 189, 118) }
```


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

```
.border{ border-color:rgb(222, 189, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 189, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 189, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 189, 118); box-shadow:4px 4px 4px 4px rgb(222, 189, 118) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5918, 53.2328, 24.6953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 189, 118) }
```

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

```
.background{ background-color: rgb(222,  
189, 118) }
```

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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