

Converting Colors

XYZ(51.5776, 53.1085, 32.3505)

Have a look what the booklet for
XYZ(51.5776, 53.1085, 32.3505)
contains.

XYZ(51.5465, 53.0404, 32.3320)	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(51.5465, 53.0404,
32.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BD8C
RGB	217, 189, 140
RGB Percent	85%, 74%, 55%
CMY	0.1490, 0.2588, 0.4510
CMYK	0.00, 0.13, 0.35, 0.15
HSL	38°, 50%, 70%
HSV	38°, 35%, 85%
XYZ	51.5465, 53.0404, 32.3320
YIQ	191.7860, 32.4170, -9.3030

Conversions

Conversions Part 2

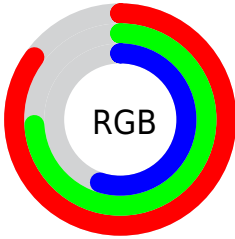
Format	Color
RYB	184, 217, 140
Decimal	14269836
CIELab	77.90, 3.01, 28.46
CIELCh	78, 28.623, 83.963
Yxy	53.0404, 0.3765, 0.3874
Android (android.graphics.Color)	4292459916 (0xFFD9BD8C)
YUV	191.7860, -25.5305, 22.1127
Hunter-Lab	72.8288, -1.1125, 24.6587

Details

The XYZ color **51.5465, 53.0404, 32.3320** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.3418, 38.5892, 71.1259**, and the grayscale version is **50.1102, 52.7198, 57.4119**.

A 20% lighter version of the original color is **83.6300, 90.4599, 64.0917**, and **25.3053, 25.9067, 13.1179** is the 20% darker color. If you saturate the color by 10%, you get **48.4508, 49.1619, 24.1693**, and if you desaturate by 10%, it is **55.0528, 57.2347, 42.1894**.

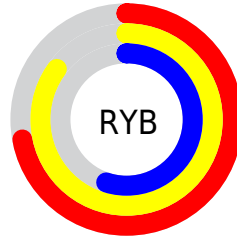
Distribution



Red (85%)

Green (74%)

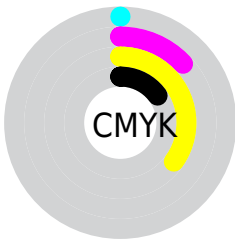
Blue (55%)



Red (72%)

Yellow (85%)

Blue (55%)

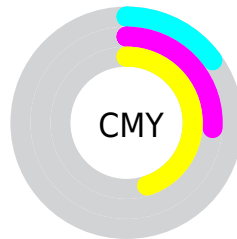


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (15%)



Cyan (15%)

Magenta (26%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5465, 53.0404, 32.3320 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 51.5465, 53.0404, 32.3320 by changing the saturation by 10% instead.


 51.5465, 53.0404,
32.3320

 51.5465, 53.0404,
32.3320


383.0361,
398.4401, 327.1681


 36.8665, 37.8350,
21.3483


 91.6403, 94.6638,
64.4351

 25.2774, 25.8547,
13.1851

 117.7848,
121.8506, 86.3917

 16.4137, 16.7149,
7.4239

 148.4815,
153.8001, 112.8429

 9.9100, 10.0315,
3.6462

184.0959,
190.8965, 144.2073

 5.4012, 5.4198,
1.4333

224.9931,
233.5243, 180.9035

 2.5217, 2.4956,
0.1675

271.5387,

 0.9062, 0.8745,

282.0679, 223.3500

0.0000

324.0979,
336.9117, 271.9653

■ 0.0000, 0.0000,
0.0000

■ 51.5465, 53.0404,
32.3320

■ 51.5465, 53.0404,
32.3320

■ 48.4508, 49.1619,
24.1693

■ 55.0528, 57.2347,
42.1894

■ 45.7415, 45.5815,
17.5995

■ 58.9842, 61.7471,
53.8289

■ 43.3979, 42.2905,
12.5146


■ 63.3594, 66.5891,
67.3357

■ 41.3954, 39.2763,
8.7919


■ 68.1944, 71.7696,
82.7884


■ 39.7052, 36.5253,
6.2887

■ 73.5047, 77.2967,
100.2613


 38.2928, 34.0208,
4.8299

 76.7595, 82.1601,
106.4206

 37.7188, 32.9588,
4.3737

 79.0858, 86.8128,
107.1960

 81.5139, 91.6689,
108.0054

 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



56.9711, 53.0404, 36.3544



51.5465, 53.0404, 32.3320



46.1928, 53.0404, 34.0393

Triad

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



51.5465, 53.0404, 32.3320



41.2575, 53.0404, 71.1079



59.5664, 53.0404, 77.7121

Complementary

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



51.5465, 53.0404, 32.3320



37.3418, 38.5892, 71.1259

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.



54.8834, 53.0404, 90.5093



51.5465, 53.0404, 32.3320



44.3791, 53.0404, 86.2322

Square

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



51.5465, 53.0404, 32.3320



40.5074, 53.0404, 54.5901



49.2968, 53.0404, 93.8836



61.8153, 53.0404, 61.0336

Rectangle

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



51.5465, 53.0404, 32.3320



43.3469, 53.0404, 38.3905



49.2968, 53.0404, 93.8836



58.2088, 53.0404, 82.7251

Sweetspot

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



51.5478, 53.0429, 32.3331



87.6907, 91.9883, 85.7706



45.0834, 36.3443, 41.7994



18.5873, 19.4868, 17.7989



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.



51.5478, 53.0429, 32.3331



70.7126, 71.9845, 37.0972



55.2043, 64.7462, 34.3994



13.7435, 14.4263, 13.7858



22.9367, 20.1589, 2.6822



1.5668, 1.4677, 0.2007

Inverse Universe

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



37.3418, 38.5892, 71.1259



47.1829, 48.0598, 101.3974



34.5298, 30.2760, 69.6695



12.7243, 13.3884, 16.5657



9.3615, 6.5924, 40.5175



0.6868, 0.5878, 2.6517

Previews

White Background



This preview shows how the XYZ color 51.5465, 53.0404, 32.3320 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 51.5465, 53.0404, 32.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

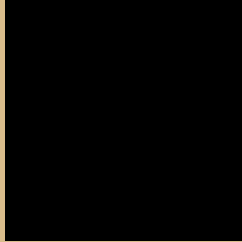
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5465, 53.0404, 32.3320

Background



This preview shows how black text looks on a background with the XYZ color 51.5465, 53.0404, 32.3320.



This preview shows how white text looks on a background with the XYZ color 51.5465, 53.0404,

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

51.5465, 53.0404, 32.3320

Protanopia

49.4642, 52.9177, 33.1983

Deuteranopia

54.1516, 53.1150, 32.5974



Tritanopia

57.1232, 53.1294, 59.4688

Trichromacy



Original Color

51.5465, 53.0404, 32.3320

Protanomaly

50.3025, 53.0336, 32.7846

Deuteranomaly

53.1071, 52.8882, 32.6087

Tritanomaly

55.0042, 53.2047, 48.4448

Monochromacy



Original Color

51.5465, 53.0404, 32.3320

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.2610, 52.6962, 47.0575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5465, 53.0404, 32.3320 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(217, 189, 140)` looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 140)  
}
```

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(217, 189, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 140) }
```

Border

The CSS property to change the border of an element to XYZ 51.5465, 53.0404, 32.3320 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(217, 189, 140) }
```


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

```
.border{ border-color:rgb(217, 189, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 189, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 140);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5465, 53.0404, 32.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 140) }
```

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

```
.background{ background-color: rgb(217,  
189, 140) }
```

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