

Converting Colors

XYZ(53.0914, 50.7597, 42.1783)

Have a look what the booklet for
XYZ(53.0914, 50.7597, 42.1783)
contains.

XYZ(53.1463, 50.8524, 42.1364)	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(53.1463, 50.8524,
42.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB4A4
RGB	222, 180, 164
RGB Percent	87%, 71%, 64%
CMY	0.1294, 0.2941, 0.3569
CMYK	0.00, 0.19, 0.26, 0.13
HSL	17°, 47%, 76%
HSV	17°, 26%, 87%
XYZ	53.1463, 50.8524, 42.1364
YIQ	190.7340, 30.1680, 3.9280

Conversions

Conversions Part 2

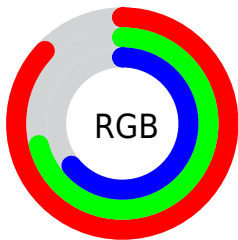
Format	Color
R_{YB}	222, 186, 164
Decimal	14595236
CIE _{Lab}	76.59, 12.83, 13.89
CIE _{LCh}	77, 18.909, 47.276
Yxy	50.8524, 0.3637, 0.3480
Android (android.graphics.Color)	4292785316 (0xFFDEB4A4)
YUV	190.7340, -13.1799, 27.4203
Hunter-Lab	71.3109, 8.2378, 14.8841

Details

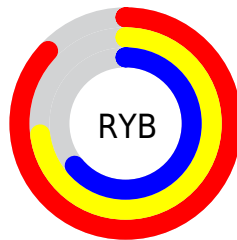
The XYZ color **53.1463, 50.8524, 42.1364** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5655, 57.3076, 77.5039**, and the grayscale version is **49.4299, 52.0041, 56.6325**.

A 20% lighter version of the original color is **84.0216, 86.3654, 79.2596**, and **26.2399, 24.4556, 18.6666** is the 20% darker color. If you saturate the color by 10%, you get **48.2550, 44.0030, 31.4632**, and if you desaturate by 10%, it is **58.7666, 58.5992, 54.7803**.

Distribution



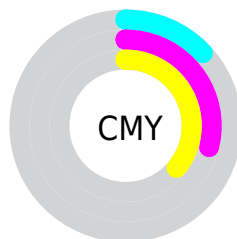
- Red (87%)
- Green (71%)
- Blue (64%)



- Red (87%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1463, 50.8524, 42.1364 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 53.1463, 50.8524, 42.1364 by changing the saturation by 10% instead.


 53.1463, 50.8524,
42.1364


 53.1463, 50.8524,
42.1364


389.0978,
389.9901, 370.8644

 38.1475, 36.0912,
28.8817


 93.9839, 91.4366,
79.6783

 26.2749, 24.5046,
18.7466


 120.5534,
118.0283, 104.8027

 17.1632, 15.7084,
11.3123

151.7105,
149.3322, 134.7207

 10.4469, 9.3180,
6.1605

187.8206,
185.7329, 169.8509

 5.7608, 4.9492,
2.8726

229.2490,
227.6146, 210.6118

 2.7395, 2.2175,
1.0299

276.3611,

 1.0175, 0.7295,

275.3618, 257.4220

0.0000

329.5223,
329.3588, 310.7000

0.0000, 0.0000,
0.0000

53.1463, 50.8524,
42.1364

53.1463, 50.8524,
42.1364

48.2550, 44.0030,
31.4632

58.7666, 58.5992,
54.7803

44.0578, 38.0110,
22.6575

65.1410, 67.2675,
69.4845

40.5226, 32.8438,
15.6114

72.2982, 76.8892,
86.3372

37.6130, 28.4640,
10.2045

80.2642, 87.4925,
105.4203

35.2891, 24.8310,
6.3012

83.9343, 94.2697,
108.3798

■ 33.5053, 21.9000,
3.7438

■ 32.2076, 19.6208,
2.3367

■ 31.8068, 18.8947,
1.9706

Harmonies

Analogous

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



55.1952, 50.8524, 49.7294



53.1463, 50.8524, 42.1364



49.8627, 50.8524, 38.3091

Triad

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



53.1463, 50.8524, 42.1364



41.9371, 50.8524, 51.1482



50.4029, 50.8524, 76.3629

Complementary

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



53.1463, 50.8524, 42.1364



50.5655, 57.3076, 77.5039

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.



46.8363, 50.8524, 76.8652



53.1463, 50.8524, 42.1364



42.0658, 50.8524, 61.4210

Square

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



53.1463, 50.8524, 42.1364



43.4602, 50.8524, 43.0644



43.8207, 50.8524, 71.1185



53.5585, 50.8524, 69.8204

Rectangle

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



53.1463, 50.8524, 42.1364



47.4687, 50.8524, 38.0557



43.8207, 50.8524, 71.1185



49.2091, 50.8524, 77.2700

Sweetspot

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



53.1477, 50.8547, 42.1374



87.4052, 89.6902, 90.9998



54.6056, 46.5634, 64.8428



18.4173, 18.8027, 18.8029



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.



53.1477, 50.8547, 42.1374



69.2114, 64.6723, 49.8835



59.4953, 63.5500, 44.2533



14.0135, 14.3130, 14.3309



18.9728, 11.3835, 1.1973



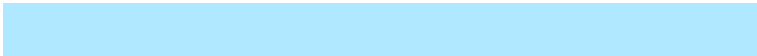
1.3889, 0.9367, 0.1076

Inverse Universe

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



50.5655, 57.3076, 77.5039



65.1352, 74.8283, 105.6181



44.3230, 44.8225, 75.4231



13.7801, 14.8993, 17.5373



15.4726, 18.4147, 43.7873



1.1463, 1.4240, 3.0597

Previews

White Background



This preview shows how the XYZ color 53.1463, 50.8524, 42.1364 looks on a white background.

Color Contrast Check

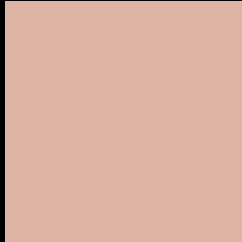
Large Text (above 18pt) WCAG AA × Fail

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 53.1463, 50.8524, 42.1364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

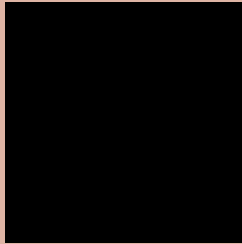
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1463, 50.8524, 42.1364

Background



This preview shows how black text looks on a background with the XYZ color 53.1463, 50.8524, 42.1364.



This preview shows how white text looks on a background with the XYZ color 53.1463, 50.8524,

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

53.1463, 50.8524, 42.1364

Protanopia

48.2914, 51.0927, 44.3624

Deuteranopia

52.0441, 50.8879, 42.2013



Tritanopia

55.8709, 50.7759, 55.5712

Trichromacy



Original Color

53.1463, 50.8524, 42.1364

Protanomaly

49.9876, 51.0296, 43.7743

Deuteranomaly

52.4381, 50.7882, 42.1613

Tritanomaly

54.8031, 50.6278, 50.5998

Monochromacy



Original Color

53.1463, 50.8524, 42.1364

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.4679, 51.4334, 50.9838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1463, 50.8524, 42.1364 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, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(222, 180, 164)  
}
```

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, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.1463, 50.8524, 42.1364 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, 180, 164) }
```


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

```
.border{ border-color:rgb(222, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(222, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1463, 50.8524, 42.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 180, 164) }
```

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

```
.background{ background-color: rgb(222,  
180, 164) }
```

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