

Converting Colors

XYZ(53.4947, 59.1382, 42.7944)

Have a look what the booklet for
XYZ(53.4947, 59.1382, 42.7944)
contains.

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Color

**XYZ(53.5297, 59.2504,
42.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCDA2
RGB	205, 205, 162
RGB Percent	80%, 80%, 64%
CMY	0.1961, 0.1961, 0.3647
CMYK	0.00, 0.00, 0.21, 0.20
HSL	60°, 30%, 72%
HSV	60°, 21%, 80%
XYZ	53.5297, 59.2504, 42.7976
YIQ	200.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

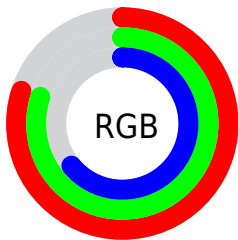
Format	Color
RYB	162, 205, 162
Decimal	13487522
CIELab	81.43, -7.04, 21.48
CIELCh	81, 22.602, 108.155
Yxy	59.2504, 0.3441, 0.3808
Android (android.graphics.Color)	4291677602 (0xFFCDCDA2)
YUV	200.0980, -18.7823, 4.2991
Hunter-Lab	76.9743, -10.5720, 20.9168

Details

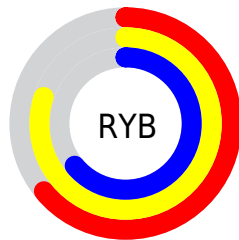
The XYZ color **53.5297, 59.2504, 42.7976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8424, 37.9314, 63.0352**, and the grayscale version is **55.0675, 57.9353, 63.0915**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **26.4588, 29.7430, 19.0983** is the 20% darker color. If you saturate the color by 10%, you get **51.8540, 58.5820, 33.9698**, and if you desaturate by 10%, it is **55.5057, 60.0429, 53.1926**.

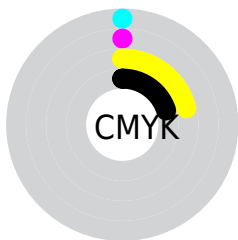
Distribution



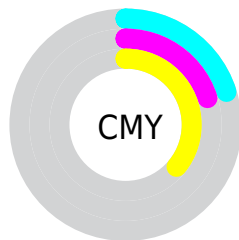
- Red (80%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5297, 59.2504, 42.7976 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 53.5297, 59.2504, 42.7976 by changing the saturation by 10% instead.

■ 53.5297, 59.2504,
42.7976

■ 53.5297, 59.2504,
42.7976

390.5417,
421.8292, 373.6755

■ 38.4550, 42.8147,
29.3961

■ 94.5443, 103.7415,
80.6884

■ 26.5148, 29.7398,
19.1325

■ 121.2149,
132.5657, 106.0148

■ 17.3439, 19.6412,
11.5883

152.4815,
166.2882, 136.1533

■ 10.5768, 12.1345,
6.3449

188.7094,
205.2935, 171.5224

■ 5.8482, 6.8353,
2.9837

230.2640,
249.9658, 212.5406

■ 2.7928, 3.3593,
1.0863

277.5107,

■ 1.0451, 1.3221,

300.6896, 259.6265

0.0000

330.8149,
357.8493, 313.1986

0.0000, 0.1582,
0.0000

0.0000, 0.0000,
0.0000

53.5297, 59.2504,
42.7976

53.5297, 59.2504,
42.7976

51.8540, 58.5820,
33.9698

55.5057, 60.0429,
53.1926

50.4594, 58.0242,
26.6297

57.7906, 60.9569,
65.2217

49.3321, 57.5731,
20.6966

60.3987, 62.0003,
78.9523

48.4548, 57.2222,
16.0805

63.3418, 63.1776,
94.4471

■ 47.8087, 56.9636,
12.6812

■ 65.0628, 63.8660,
103.5059

■ 47.3718, 56.7888,
10.3839

■ 65.0634, 63.8664,
103.5060

■ 47.1182, 56.6873,
9.0522

■ 65.0641, 63.8667,
103.5060

■ 47.0043, 56.6417,
8.4555

■ 65.0647, 63.8670,
103.5060

■ 65.0654, 63.8674,
103.5061

Harmonies

Analogous

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



58.2028, 59.2504, 42.2357



53.5297, 59.2504, 42.7976



49.8099, 59.2504, 48.6538

Triad

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



53.5297, 59.2504, 42.7976



50.4649, 59.2504, 85.9228



65.6920, 59.2504, 70.0079

Complementary

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



53.5297, 59.2504, 42.7976



38.8424, 37.9314, 63.0352

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.



63.3647, 59.2504, 83.4922



53.5297, 59.2504, 42.7976



54.4699, 59.2504, 93.5041

Square

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



53.5297, 59.2504, 42.7976



48.1099, 59.2504, 72.9729



59.1968, 59.2504, 92.5571



65.4053, 59.2504, 56.7348

Rectangle

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



53.5297, 59.2504, 42.7976



48.2904, 59.2504, 55.3008



59.1968, 59.2504, 92.5571



65.1844, 59.2504, 74.6967

Sweetspot

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



53.5312, 59.2530, 42.7989



92.6830, 99.0531, 96.4389



44.6207, 41.4299, 39.8283



19.7853, 21.1804, 20.3647



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.



53.5312, 59.2530, 42.7989



86.4288, 96.5512, 63.5155



48.0028, 56.4030, 42.5401



12.1538, 13.0967, 11.9668



29.2603, 35.2596, 5.2636



1.5095, 1.8190, 0.2715

Inverse Universe

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



38.8424, 37.9314, 63.0352



58.2860, 55.7005, 102.2870



43.5892, 40.3785, 63.2574



10.6019, 10.8441, 14.1047



6.8603, 2.7441, 36.1244



0.3540, 0.1416, 1.8636

Previews

White Background



This preview shows how the XYZ color 53.5297, 59.2504, 42.7976 looks on a white background.

Color Contrast Check

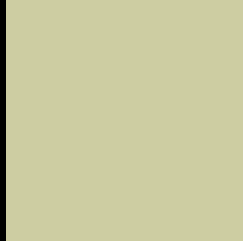
Large Text (above 18pt) WCAG AA × Fail

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 53.5297, 59.2504, 42.7976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

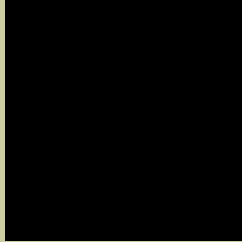
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

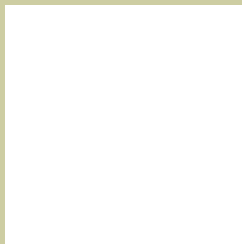
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5297, 59.2504, 42.7976

Background



This preview shows how black text looks on a background with the XYZ color 53.5297, 59.2504, 42.7976.



This preview shows how white text looks on a background with the XYZ color 53.5297, 59.2504,

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

53.5297, 59.2504, 42.7976

Protanopia

55.5779, 59.2613, 42.2275

Deuteranopia

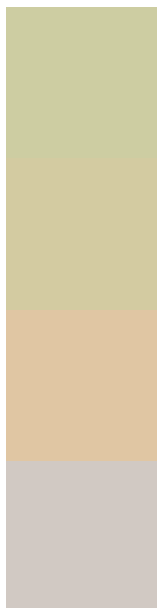
60.2536, 58.9261, 43.3201



Tritanopia

59.4831, 59.2403, 71.9177

Trichromacy



Original Color

53.5297, 59.2504, 42.7976

Protanomaly

54.6529, 59.1340, 42.2517

Deuteranomaly

57.5454, 58.8798, 42.9823

Tritanomaly

57.0315, 59.2687, 60.0639

Monochromacy



Original Color

53.5297, 59.2504, 42.7976

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3406, 58.3428, 54.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5297, 59.2504, 42.7976 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(205, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 162)  
}
```

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(205, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.5297, 59.2504, 42.7976 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(205, 205, 162) }
```


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

```
.border{ border-color:rgb(205, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 162);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5297, 59.2504, 42.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 162) }
```

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

```
.background{ background-color: rgb(205,  
205, 162) }
```

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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