

Converting Colors

XYZ(54.2350, 59.2312, 47.7617)

Have a look what the booklet for
XYZ(54.2350, 59.2312, 47.7617)
contains.

XYZ(54.2161, 59.1434, 47.5881)	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(54.2161, 59.1434,
47.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCCAC
RGB	205, 204, 172
RGB Percent	80%, 80%, 67%
CMY	0.1961, 0.2000, 0.3255
CMYK	0.00, 0.00, 0.16, 0.20
HSL	58°, 25%, 74%
HSV	58°, 16%, 80%
XYZ	54.2161, 59.1434, 47.5881
YIQ	200.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

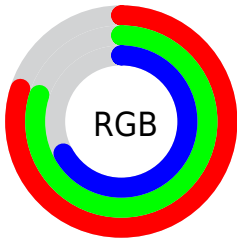
Format	Color
RYB	173, 205, 172
Decimal	13487276
CIELab	81.37, -5.03, 16.10
CIELCh	81, 16.870, 107.356
Yxy	59.1434, 0.3369, 0.3675
Android (android.graphics.Color)	4291677356 (0xFFCDCCAC)
YUV	200.6510, -14.1249, 3.8141
Hunter-Lab	76.9047, -8.7449, 17.1451

Details

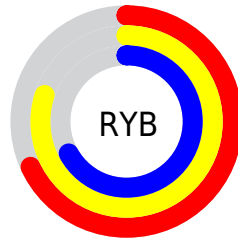
The XYZ color **54.2161, 59.1434, 47.5881** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.9762, 43.0648, 63.8053**, and the grayscale version is **55.3825, 58.2667, 63.4525**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **27.0590, 29.7481, 22.0851** is the 20% darker color. If you saturate the color by 10%, you get **52.2511, 58.1246, 37.9575**, and if you desaturate by 10%, it is **56.4886, 60.2901, 58.8211**.

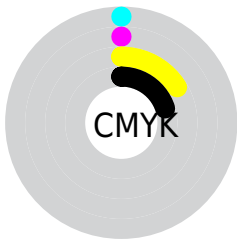
Distribution



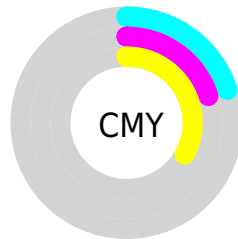
- Red (80%)
- Green (80%)
- Blue (67%)



- Red (68%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2161, 59.1434, 47.5881 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 54.2161, 59.1434, 47.5881 by changing the saturation by 10% instead.

■ 54.2161, 59.1434,
47.5881

■ 54.2161, 59.1434,
47.5881

393.1184,
421.4331, 393.6186

■ 39.0058, 42.7286,
33.1431

■ 95.5465, 103.5861,
87.9500

■ 26.9450, 29.6722,
21.9641

122.3973,
132.3827, 114.7039

■ 17.6683, 19.5899,
13.6325

153.8590,
166.0753, 146.3980

■ 10.8103, 12.0973,
7.7297

190.2970,
205.0484, 183.4507

■ 6.0058, 6.8100,
3.8372

232.0766,
249.6864, 226.2806

■ 2.8893, 3.3435,
1.5365

279.5631,

■ 1.0955, 1.3136,

300.3735, 275.3062

0.2449

333.1219,
357.4943, 330.9460

■ 0.0213, 0.1517,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2161, 59.1434,
47.5881

■ 54.2161, 59.1434,
47.5881

■ 52.2511, 58.1246,
37.9575

■ 56.4886, 60.2901,
58.8211

■ 50.5751, 57.2204,
29.8524

■ 59.0768, 61.5620,
71.7210

■ 49.1745, 56.4273,
23.1952

■ 61.9946, 62.9667,
86.3536

■ 48.0332, 55.7388,
17.9002

■ 65.2536, 64.5088,
102.7799

47.1331, 55.1477,
13.8726

65.5635, 64.8722,
103.6738

46.4539, 54.6459,
11.0052

65.7138, 65.1727,
103.7238

45.9719, 54.2239,
9.1736

65.8646, 65.4744,
103.7741

45.6574, 53.8698,
8.2213

66.0160, 65.7772,
103.8246

45.5580, 53.7413,
7.9719

66.1680, 66.0812,
103.8753

Harmonies

Analogous

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



57.7109, 59.1434, 47.2513



54.2161, 59.1434, 47.5881



51.3739, 59.1434, 52.1207

Triad

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



54.2161, 59.1434, 47.5881



51.7459, 59.1434, 79.7585



63.0910, 59.1434, 68.7407

Complementary

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



54.2161, 59.1434, 47.5881



42.9762, 43.0648, 63.8053

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.



61.3490, 59.1434, 78.4641



54.2161, 59.1434, 47.5881



54.7433, 59.1434, 85.2576

Square

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



54.2161, 59.1434, 47.5881



49.9891, 59.1434, 70.3635



58.2604, 59.1434, 84.7605



62.9353, 59.1434, 58.7779

Rectangle

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



54.2161, 59.1434, 47.5881



50.1872, 59.1434, 57.2083



58.2604, 59.1434, 84.7605



62.7050, 59.1434, 72.1642

Sweetspot

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



54.2177, 59.1460, 47.5894



92.9420, 98.9606, 98.4041



47.4826, 45.5060, 45.8677



19.8323, 21.1513, 20.7589



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.



54.2177, 59.1460, 47.5894



87.7430, 96.3339, 72.7132



50.4138, 57.5375, 47.4794



12.1237, 13.0364, 11.9567



28.3746, 33.4821, 4.9672



1.4731, 1.7460, 0.2594

Inverse Universe

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



42.9762, 43.0648, 63.8053



66.2153, 65.5382, 103.7680



46.3642, 44.5290, 63.9094



10.6284, 10.8973, 14.1136



6.9143, 2.8526, 36.1424



0.3664, 0.1666, 1.8678

Previews

White Background



This preview shows how the XYZ color 54.2161, 59.1434, 47.5881 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 54.2161, 59.1434, 47.5881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

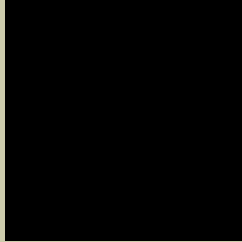
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

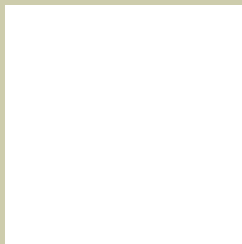
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2161, 59.1434, 47.5881

Background



This preview shows how black text looks on a background with the XYZ color 54.2161, 59.1434, 47.5881.



This preview shows how white text looks on a background with the XYZ color 54.2161, 59.1434,

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

54.2161, 59.1434, 47.5881

Protanopia

55.9118, 59.3275, 47.0326

Deuteranopia

60.4338, 59.2420, 48.2940



Tritanopia

59.1957, 59.0921, 71.9043

Trichromacy



Original Color

54.2161, 59.1434, 47.5881

Protanomaly

55.2850, 59.3538, 47.0707

Deuteranomaly

57.8611, 58.9349, 47.8611

Tritanomaly

57.2576, 58.9874, 62.4007

Monochromacy



Original Color

54.2161, 59.1434, 47.5881

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7719, 58.5153, 57.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2161, 59.1434, 47.5881 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, 204, 172) looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 172)  
}
```

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, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 172) }
```

Border

The CSS property to change the border of an element to XYZ 54.2161, 59.1434, 47.5881 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, 204, 172) }
```


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

```
.border{ border-color:rgb(205, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2161, 59.1434, 47.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 172) }
```

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

```
.background{ background-color: rgb(205,  
204, 172) }
```

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