

Converting Colors

XYZ(43.3861, 57.2776, 25.2443)

Have a look what the booklet for
XYZ(43.3861, 57.2776, 25.2443)
contains.

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Color

**XYZ(43.5242, 57.3955,
25.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD574
RGB	170, 213, 116
RGB Percent	67%, 84%, 45%
CMY	0.3333, 0.1647, 0.5451
CMYK	0.20, 0.00, 0.46, 0.16
HSL	87°, 54%, 65%
HSV	87°, 46%, 84%
XYZ	43.5242, 57.3955, 25.3075
YIQ	189.0850, 5.5090, -39.2830

Conversions

Conversions Part 2

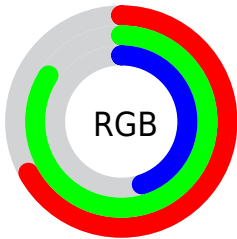
Format	Color
R _{YB}	116, 213, 159
Decimal	11195764
CIE Lab	80.40, -30.13, 43.24
CIE LCh	80, 52.705, 124.871
Yxy	57.3955, 0.3448, 0.4547
Android (android.graphics.Color)	4289385844 (0xFFAAD574)
YUV	189.0850, -36.0309, -16.7375
Hunter-Lab	75.7598, -30.0310, 33.2261

Details

The XYZ color **43.5242, 57.3955, 25.3075** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.5561, 24.6675, 65.9994**, and the grayscale version is **48.6172, 51.1491, 55.7014**.

A 20% lighter version of the original color is **74.6943, 90.7532, 51.6105**, and **20.3835, 28.5484, 9.4371** is the 20% darker color. If you saturate the color by 10%, you get **40.4563, 55.9429, 19.4214**, and if you desaturate by 10%, it is **47.0257, 59.0424, 32.6990**.

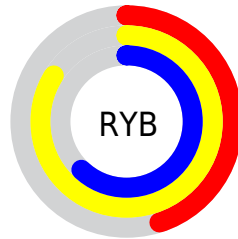
Distribution



Red (67%)

Green (84%)

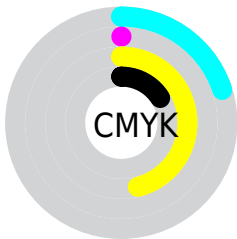
Blue (45%)



Red (45%)

Yellow (84%)

Blue (62%)

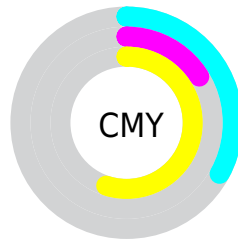


Cyan (20%)

Magenta (0%)

Yellow (46%)

Black (16%)



Cyan (33%)


Magenta (16%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5242, 57.3955, 25.3075 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 43.5242, 57.3955, 25.3075 by changing the saturation by 10% instead.


 43.5242, 57.3955,
25.3075

 43.5242, 57.3955,
25.3075


351.6482,
414.9296, 292.8624


 30.4929, 41.3229,
16.0852


 79.7521, 101.0420,
53.1259

 20.3630, 28.5714,
9.4295

 103.6794,
129.3847, 72.5591

 12.7690, 18.7569,
4.9217

 131.9695,
162.5862, 96.2331

 7.3455, 11.4947,
2.1435

164.9876,
201.0309, 124.5663

 3.7274, 6.4006,
0.6415

203.0992,
245.1032, 157.9773

 1.5491, 3.0902,
0.0000

246.6696,

 0.3589, 1.1790,

295.1875, 196.8846

0.0000

296.0642,
351.6682, 241.7068

■ 0.0000, 0.0445,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5242, 57.3955,
25.3075

■ 43.5242, 57.3955,
25.3075

■ 40.4563, 55.9429,
19.4214

■ 47.0257, 59.0424,
32.6990

■ 37.7950, 54.6675,
14.9333


■ 50.9773, 60.8847,
41.6860


■ 35.5164, 53.5614,
11.7273


■ 55.3997, 62.9330,
52.3563


■ 33.5914, 52.6127,
9.6674


■ 60.3110, 65.1947,
64.7898

 31.9850, 51.8068,
8.5867


 65.7279, 67.6770,
79.0615

 31.3446, 51.4826,
8.2851

 71.6665, 70.3865,
95.2421

 76.4719, 72.6615,
104.6023

 79.6927, 74.3219,
104.7530

 83.0818, 76.0690,
104.9117

Harmonies

Analogous

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



52.8088, 57.3955, 20.0028



43.5242, 57.3955, 25.3075



37.8345, 57.3955, 40.4951

Triad

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



43.5242, 57.3955, 25.3075



46.2039, 57.3955, 133.2491



77.9603, 57.3955, 57.5801

Complementary

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



43.5242, 57.3955, 25.3075



32.5561, 24.6675, 65.9994

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.



75.5873, 57.3955, 91.2918



43.5242, 57.3955, 25.3075



56.3346, 57.3955, 142.4169

Square

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



43.5242, 57.3955, 25.3075



39.2325, 57.3955, 103.0189



67.3026, 57.3955, 125.0594



73.4175, 57.3955, 34.2937

Rectangle

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



43.5242, 57.3955, 25.3075



36.3793, 57.3955, 57.3288



67.3026, 57.3955, 125.0594



77.9500, 57.3955, 67.9603

Sweetspot

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



43.5256, 57.3980, 25.3087



84.2407, 95.0311, 81.1280



42.8277, 39.8742, 21.9631



17.7029, 20.1891, 16.5518



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.



43.5256, 57.3980, 25.3087



60.7871, 84.0661, 29.1669



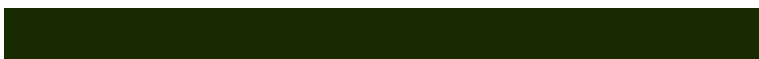
35.0407, 53.0239, 24.9116



12.9169, 14.2334, 13.2272



19.2649, 31.5077, 5.0662



1.2565, 1.9491, 0.3100

Inverse Universe

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



32.5561, 24.6675, 65.9994



42.2674, 28.7632, 97.9319



43.8598, 30.4947, 66.5284



12.2600, 12.2754, 15.6607



10.2966, 4.4606, 38.7714



0.7153, 0.3177, 2.3429

Previews

White Background



This preview shows how the XYZ color 43.5242, 57.3955, 25.3075 looks on a white background.

Color Contrast Check

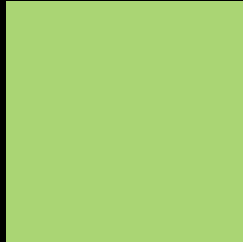
Large Text (above 18pt) WCAG AA × Fail

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 43.5242, 57.3955, 25.3075 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 43.5242, 57.3955, 25.3075

Background



This preview shows how black text looks on a background with the XYZ color 43.5242, 57.3955, 25.3075.



This preview shows how white text looks on a background with the XYZ color 43.5242, 57.3955,

25.3075.

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

43.5242, 57.3955, 25.3075

Protanopia

52.5061, 57.0546, 23.2842

Deuteranopia

58.2019, 56.9328, 26.3339



Tritanopia

53.1782, 56.9734, 73.8398

Trichromacy



Original Color

43.5242, 57.3955, 25.3075

Protanomaly

48.6609, 56.7955, 24.0207

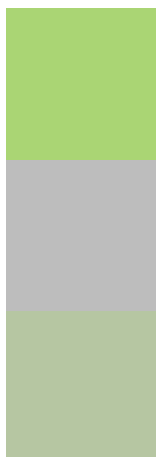
Deuteranomaly

51.6086, 56.1913, 25.8952

Tritanomaly

48.6599, 56.5416, 51.5290

Monochromacy



Original Color

43.5242, 57.3955, 25.3075

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

46.0071, 52.9419, 41.9764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5242, 57.3955, 25.3075 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(170, 213, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 213, 116)  
}
```

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(170, 213, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 213, 116) }
```

Border

The CSS property to change the border of an element to XYZ 43.5242, 57.3955, 25.3075 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(170, 213, 116) }
```


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

```
.border{ border-color:rgb(170, 213, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 213, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 213, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 213, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 213,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5242, 57.3955, 25.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 213, 116) }
```

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

```
.background{ background-color: rgb(170,  
213, 116) }
```

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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