

Converting Colors

XYZ(43.3565, 53.3313, 9.1712)

Have a look what the booklet for
XYZ(43.3565, 53.3313, 9.1712)
contains.

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Color

**XYZ(43.3565, 53.3313,
9.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C91D
RGB	194, 201, 29
RGB Percent	76%, 79%, 11%
CMY	0.2392, 0.2117, 0.8862
CMYK	0.03, 0.00, 0.86, 0.21
HSL	62°, 75%, 45%
HSV	62°, 86%, 79%
XYZ	43.3565, 53.3313, 9.1712
YIQ	179.2990, 51.0400, -54.9760

Conversions

Conversions Part 2

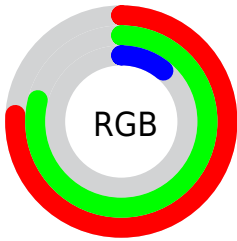
Format	Color
R_{YB}	29, 201, 36
Decimal	12765469
CIE _{Lab}	78.07, -20.58, 74.52
CIE _{LCh}	78, 77.309, 105.439
Yxy	53.3313, 0.4096, 0.5038
Android (android.graphics.Color)	4290955549 (0xFFC2C91D)
YUV	179.2990, -74.0974, 12.8928
Hunter-Lab	73.0283, -21.8250, 43.6739

Details

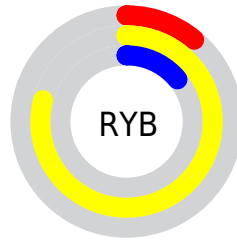
The XYZ color **43.3565, 53.3313, 9.1712** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **11.7110, 5.4719, 55.7006**, and the grayscale version is **43.3733, 45.6321, 49.6933**.

A 20% lighter version of the original color is **78.6534, 93.3990, 24.4720**, and **20.5871, 26.1017, 3.9531** is the 20% darker color. If you saturate the color by 10%, you get **42.9750, 53.1565, 8.2510**, and if you desaturate by 10%, it is **43.9033, 53.5763, 10.9453**.

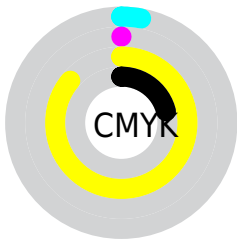
Distribution



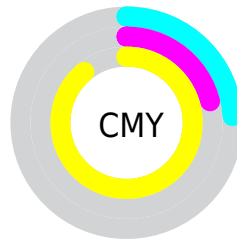
- Red (76%)
- Green (79%)
- Blue (11%)



- Red (11%)
- Yellow (79%)
- Blue (14%)



- Cyan (3%)
- Magenta (0%)
- Yellow (86%)
- Black (21%)





- Cyan (24%)
- Magenta (21%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3565, 53.3313, 9.1712 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 43.3565, 53.3313, 9.1712 by changing the saturation by 10% instead.


 43.3565, 53.3313,
9.1712


 43.3565, 53.3313,
9.1712


350.9725,
399.5549, 194.9148


 30.3607, 38.0673,
4.7547


 79.5009, 95.0917,
24.8074


 20.2619, 26.0349,
2.0478

 103.3802,
122.3569, 36.8643


 12.6950, 16.8498,
0.5845


 131.6180,
154.3913, 52.3049

 7.2944, 10.1274,
0.0000

 164.5797,
191.5792, 71.5480

 3.6948, 5.4835,
0.0000

 202.6307,
234.3052, 95.0119

 1.5310, 2.5337,
0.0000

 246.1362,

 0.3468, 0.8934,

282.9535, 123.1154

0.0000

295.4617,
337.9086, 156.2768

■ 0.0000, 0.0000,
0.0000

■ 43.3565, 53.3313,
9.1712

■ 43.3565, 53.3313,
9.1712

■ 42.9750, 53.1565,
8.2510

■ 43.9033, 53.5763,
10.9453

■ 42.8337, 53.0893,
7.9897

■ 44.6392, 53.8952,
13.7147

■ 45.5878, 54.2993,
17.5980

■ 46.7683, 54.7962,
22.6964

■ 48.1978, 55.3929,
29.0996

■ 49.8916, 56.0954,
36.8890

■ 51.8641, 56.9096,
46.1395

■ 54.1283, 57.8405,
56.9203

■ 56.6967, 58.8933,
69.2964

Harmonies

Analogous

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



58.3344, 53.3313, 9.0754



43.3565, 53.3313, 9.1712



32.7108, 53.3313, 17.1185

Triad

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



43.3565, 53.3313, 9.1712



32.9458, 53.3313, 139.6005



84.2499, 53.3313, 81.5474

Complementary

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



43.3565, 53.3313, 9.1712



11.7110, 5.4719, 55.7006

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.



74.2816, 53.3313, 137.9933



43.3565, 53.3313, 9.1712



43.7441, 53.3313, 181.2191

Square

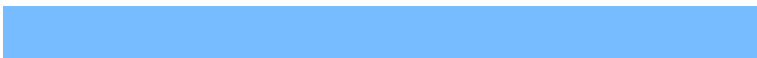
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3565, 53.3313, 9.1712



27.5636, 53.3313, 83.0973



58.8066, 53.3313, 180.5172



84.0888, 53.3313, 38.6500

Rectangle

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



43.3565, 53.3313, 9.1712



28.6278, 53.3313, 29.9400



58.8066, 53.3313, 180.5172



81.8978, 53.3313, 99.8748

Sweetspot

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



43.3577, 53.3338, 9.1723



85.1661, 95.9325, 62.0016



24.9042, 13.6940, 2.4937



18.0025, 20.4396, 12.2235



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.



43.3577, 53.3338, 9.1723



73.2812, 90.8629, 13.6760



27.4503, 45.1332, 8.4278



11.4795, 12.3941, 11.3500



26.9501, 33.3886, 5.0242



1.2897, 1.5879, 0.2385

Inverse Universe

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



11.7110, 5.4719, 55.7006



18.1800, 7.2870, 95.0561



18.8317, 9.1428, 56.0338



10.0960, 10.3077, 13.3750



6.7120, 2.6944, 34.9107



0.3321, 0.1349, 1.6537

Previews

White Background



This preview shows how the XYZ color 43.3565, 53.3313, 9.1712 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 43.3565, 53.3313, 9.1712 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 43.3565, 53.3313, 9.1712

Background



This preview shows how black text looks on a background with the XYZ color 43.3565, 53.3313, 9.1712.



This preview shows how white text looks on a background with the XYZ color 43.3565, 53.3313,

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

43.3565, 53.3313, 9.1712

Protanopia

47.8831, 52.9708, 8.7376

Deuteranopia

54.3136, 53.0888, 9.5750



Tritanopia

54.4434, 53.2148, 63.2791

Trichromacy



Original Color

43.3565, 53.3313, 9.1712

Protanomaly

46.2440, 53.1190, 8.9143

Deuteranomaly

49.7987, 52.9680, 9.3494

Tritanomaly

48.1384, 52.2599, 31.9761

Monochromacy



Original Color

43.3565, 53.3313, 9.1712

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.1756, 47.1862, 26.0065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3565, 53.3313, 9.1712 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(194, 201, 29)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 29)  
}
```

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(194, 201, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 29) }
```

Border

The CSS property to change the border of an element to XYZ 43.3565, 53.3313, 9.1712 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(194, 201, 29) }
```


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

```
.border{ border-color:rgb(194, 201, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 201, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 29);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3565, 53.3313, 9.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 29) }
```

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

```
.background{ background-color: rgb(194,  
201, 29) }
```

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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