

Converting Colors

XYZ(44.5947, 55.7288, 9.5714)

Have a look what the booklet for
XYZ(44.5947, 55.7288, 9.5714)
contains.

XYZ(44.5412, 55.7007, 9.5661)	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(44.5412, 55.7007,
9.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CE1D
RGB	194, 206, 29
RGB Percent	76%, 81%, 11%
CMY	0.2392, 0.1921, 0.8862
CMYK	0.06, 0.00, 0.86, 0.19
HSL	64°, 75%, 46%
HSV	64°, 86%, 81%
XYZ	44.5412, 55.7007, 9.5661
YIQ	182.2340, 49.6650, -57.5910

Conversions

Conversions Part 2

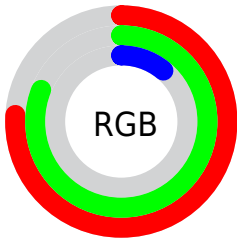
Format	Color
R_YB	29, 206, 41
Decimal	12766749
CIE _{Lab}	79.44, -23.02, 75.65
CIE _{LCh}	79, 79.073, 106.928
Yxy	55.7007, 0.4056, 0.5073
Android (android.graphics.Color)	4290956829 (0xFFC2CE1D)
YUV	182.2340, -75.5444, 10.3188
Hunter-Lab	74.6329, -24.0781, 44.6435

Details

The XYZ color **44.5412, 55.7007, 9.5661** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **12.4960, 5.8075, 58.8584**, and the grayscale version is **44.9731, 47.3152, 51.5263**.

A 20% lighter version of the original color is **78.6986, 93.4171, 24.7099**, and **21.3816, 27.6907, 4.2179** is the 20% darker color. If you saturate the color by 10%, you get **44.0096, 55.4489, 8.6247**, and if you desaturate by 10%, it is **45.2483, 56.0272, 11.4033**.

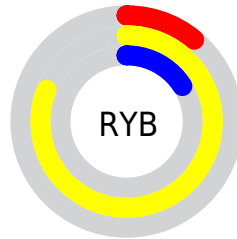
Distribution



Red (76%)

Green (81%)

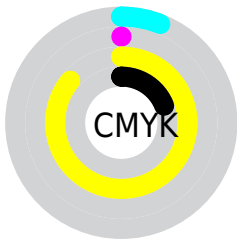
Blue (11%)



Red (11%)

Yellow (81%)

Blue (16%)

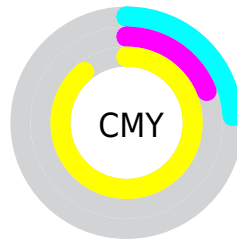


Cyan (6%)

Magenta (0%)

Yellow (86%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5412, 55.7007, 9.5661 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 44.5412, 55.7007, 9.5661 by changing the saturation by 10% instead.

■ 44.5412, 55.7007,
9.5661

■ 44.5412, 55.7007,
9.5661

355.7273,
408.5626, 197.9175

■ 31.2959, 39.9630,
5.0104

■ 81.2728, 98.5668,
25.5710

■ 20.9772, 27.5097,
2.1945

■ 105.4899,
126.4641, 37.8574

■ 13.2197, 17.9564,
0.6712

■ 134.0949,
159.1833, 53.5577

■ 7.6581, 10.9187,
0.0000

■ 167.4533,
197.1088, 73.0905

■ 3.9269, 6.0122,
0.0000

■ 205.9304,
240.6251, 96.8743

■ 1.6609, 2.8525,
0.0000

■ 249.8915,

■ 0.4316, 1.0552,

290.1166, 125.3278

0.0000

299.7020,
345.9676, 158.8693

■ 0.0000, 0.0000,
0.0000

■ 44.5412, 55.7007,
9.5661

■ 44.5412, 55.7007,
9.5661

■ 44.0096, 55.4489,
8.6247

■ 45.2483, 56.0272,
11.4033

■ 43.8188, 55.3558,
8.3753

■ 46.1569, 56.4327,
14.2893

■ 47.2921, 56.9292,
18.3510

■ 48.6744, 57.5249,
23.6964

■ 50.3221, 58.2272,
30.4213

■ 52.2517, 59.0426,
38.6125

■ 54.4781, 59.9772,
48.3495

■ 57.0156, 61.0366,
59.7062

■ 59.8772, 62.2260,
72.7519

Harmonies

Analogous

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



60.1507, 55.7007, 9.1284



44.5412, 55.7007, 9.5661



33.6262, 55.7007, 18.3923

Triad

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



44.5412, 55.7007, 9.5661



34.7111, 55.7007, 149.5561



88.5931, 55.7007, 82.6489

Complementary

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



44.5412, 55.7007, 9.5661



12.4960, 5.8075, 58.8584

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.



78.5198, 55.7007, 142.0899



44.5412, 55.7007, 9.5661



46.3333, 55.7007, 191.8923

Square

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



44.5412, 55.7007, 9.5661



28.7782, 55.7007, 89.8335



62.3374, 55.7007, 188.6289



87.8457, 55.7007, 38.5873

Rectangle

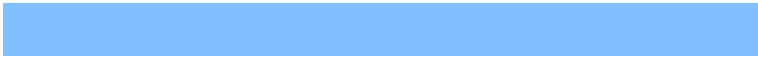
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.5412, 55.7007, 9.5661



29.5299, 55.7007, 32.4338



62.3374, 55.7007, 188.6289



86.2867, 55.7007, 101.7666

Sweetspot

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



44.5425, 55.7033, 9.5672



84.5175, 95.5981, 61.9713



26.4634, 14.7841, 2.6219



17.8455, 20.3587, 12.2162



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.



44.5425, 55.7033, 9.5672



70.9200, 89.6456, 13.5655



28.2038, 47.2804, 8.8026



12.0758, 13.0565, 11.9631



27.0138, 34.1015, 5.1585



1.4167, 1.7712, 0.2672

Inverse Universe

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



12.4960, 5.8075, 58.8584



18.2865, 7.3419, 95.0611



20.6810, 10.0270, 59.2415



10.6711, 10.8797, 14.1079



7.0013, 2.8168, 36.1310



0.3864, 0.1583, 1.8651

Previews

White Background



This preview shows how the XYZ color 44.5412, 55.7007, 9.5661 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 44.5412, 55.7007, 9.5661 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 44.5412, 55.7007, 9.5661

Background



This preview shows how black text looks on a background with the XYZ color 44.5412, 55.7007, 9.5661.



This preview shows how white text looks on a background with the XYZ color 44.5412, 55.7007,

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

44.5412, 55.7007, 9.5661

Protanopia

50.2769, 55.5367, 9.0471

Deuteranopia

56.7064, 55.2487, 9.9608



Tritanopia

56.1245, 55.6142, 66.8080

Trichromacy



Original Color

44.5412, 55.7007, 9.5661

Protanomaly

48.0035, 55.3847, 9.1972

Deuteranomaly

51.4147, 54.7738, 9.6963

Tritanomaly

49.4773, 54.5820, 33.5188

Monochromacy



Original Color

44.5412, 55.7007, 9.5661

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.6464, 49.2071, 26.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5412, 55.7007, 9.5661 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, 206, 29)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 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, 206, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 29) }
```

Border

The CSS property to change the border of an element to XYZ 44.5412, 55.7007, 9.5661 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, 206, 29) }
```


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

```
.border{ border-color:rgb(194, 206, 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, 206, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 29);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5412, 55.7007, 9.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 29) }
```

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

```
.background{ background-color: rgb(194,  
206, 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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