

Converting Colors

XYZ(69.3347, 79.2208, 60.5926)

Have a look what the booklet for
XYZ(69.3347, 79.2208, 60.5926)
contains.

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Color

**XYZ(69.4139, 79.2382,
60.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	DEECBE
RGB	222, 236, 190
RGB Percent	87%, 93%, 75%
CMY	0.1294, 0.0745, 0.2549
CMYK	0.06, 0.00, 0.19, 0.07
HSL	78°, 55%, 84%
HSV	78°, 19%, 93%
XYZ	69.4139, 79.2382, 60.3512
YIQ	226.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

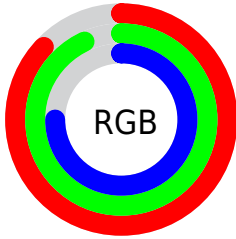
Format	Color
RYB	190, 236, 204
Decimal	14609598
CIELab	91.34, -12.41, 20.78
CIELCh	91, 24.208, 120.843
Yxy	79.2382, 0.3321, 0.3791
Android (android.graphics.Color)	4292799678 (0xFFDEECBE)
YUV	226.5700, -18.0290, -4.0079
Hunter-Lab	89.0158, -16.5847, 22.1135

Details

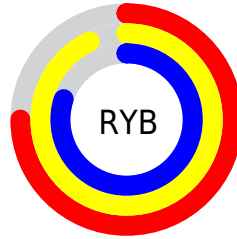
The XYZ color **69.4139, 79.2382, 60.3512** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **58.4588, 55.7226, 87.0356**, and the grayscale version is **72.8266, 76.6193, 83.4384**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **36.7015, 42.6356, 29.5877** is the 20% darker color. If you saturate the color by 10%, you get **64.8872, 77.1813, 47.7473**, and if you desaturate by 10%, it is **74.4563, 81.5175, 75.1627**.

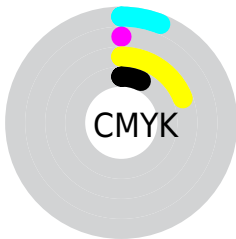
Distribution



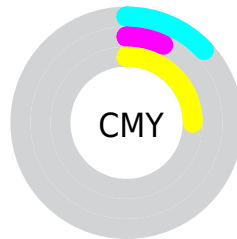
- Red (87%)
- Green (93%)
- Blue (75%)



- Red (75%)
- Yellow (93%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4139, 79.2382, 60.3512 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 69.4139, 79.2382, 60.3512 by changing the saturation by 10% instead.

69.4139, 79.2382,
60.3512

69.4139, 79.2382,
60.3512

447.7880,
492.3618, 443.7316

51.3267, 59.0917,
43.2746

117.4034,
132.2941, 106.8873

36.6908, 42.6869,
29.7677

148.0364,
165.9724, 137.1839

25.1408, 29.6395,
19.4117

183.5821,
204.9299, 172.7243

16.3112, 19.5652,
11.7884

224.4058,
249.5512, 213.9270

9.8369, 12.0794,
6.4789

270.8729,
300.2207, 261.2105

5.3524, 6.7977,
3.0650

323.3487,

2.4923, 3.3359,

357.3227, 314.9935

1.1279

382.1986,
421.2416, 375.6943

0.8914, 1.3095,
0.0000

0.0000, 0.1486,
0.0000

69.4139, 79.2382,
60.3512

69.4139, 79.2382,
60.3512

64.8872, 77.1813,
47.7473

74.4563, 81.5175,
75.1627

60.8488, 75.3278,
37.2402

80.0280, 84.0168,
92.2754

57.2778, 73.6718,
28.7171

85.2011, 86.3677,
106.7878

54.1491, 72.2032,
22.0526

87.7370, 87.6751,
106.9065

■ 51.4352, 70.9108,
17.1070

■ 89.2871, 88.4742,
106.9790

■ 49.1044, 69.7817,
13.7208

■ 47.1195, 68.8011,
11.7048

■ 45.4216, 67.9450,
10.7551

■ 45.3396, 67.9035,
10.7170

Harmonies

Analogous

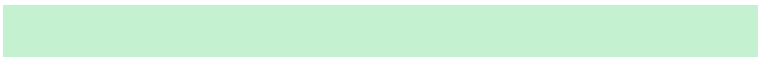
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1398, 79.2382, 56.6590



69.4139, 79.2382, 60.3512



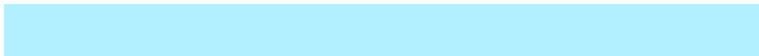
65.4544, 79.2382, 70.8109

Triad

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



69.4139, 79.2382, 60.3512



69.6996, 79.2382, 119.3489



87.7630, 79.2382, 85.7798

Complementary

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



69.4139, 79.2382, 60.3512



58.4588, 55.7226, 87.0356

Split Complementary

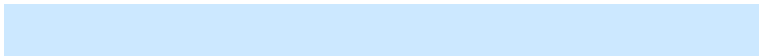
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1160, 79.2382, 103.8453



69.4139, 79.2382, 60.3512



75.4876, 79.2382, 124.7499

Square

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



69.4139, 79.2382, 60.3512



65.6129, 79.2382, 104.8245



81.5383, 79.2382, 118.7316



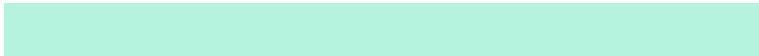
85.9260, 79.2382, 70.0574

Rectangle

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



69.4139, 79.2382, 60.3512



64.2351, 79.2382, 81.0004



81.5383, 79.2382, 118.7316



87.5977, 79.2382, 91.7778

Sweetspot

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



69.4160, 79.2417, 60.3529



90.9907, 98.1807, 96.3597



65.4345, 64.6438, 57.7451



19.3842, 20.9736, 20.3459



0.0000, 0.0000, 0.0000



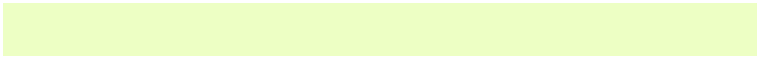
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4160, 79.2417, 60.3529



80.7372, 93.5510, 66.2355



62.8986, 75.8818, 60.0479



15.8797, 17.3835, 16.0371



25.1283, 37.4986, 5.9136



2.0702, 2.9946, 0.4689

Inverse Universe

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



58.4588, 55.7226, 87.0356



65.6604, 61.1849, 102.9569



65.1721, 59.1834, 87.3498



14.6624, 14.7712, 19.0006



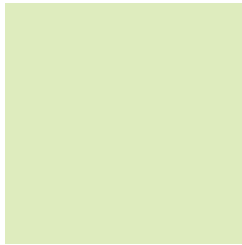
9.9276, 4.1538, 44.0215



0.8742, 0.3750, 3.4612

Previews

White Background



This preview shows how the XYZ color 69.4139, 79.2382, 60.3512 looks on a white background.

Color Contrast Check

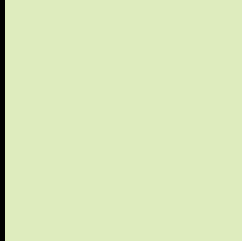
Large Text (above 18pt) WCAG AA × Fail

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 69.4139, 79.2382, 60.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

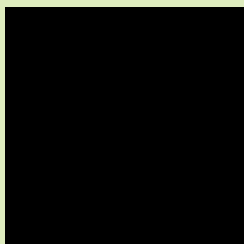
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

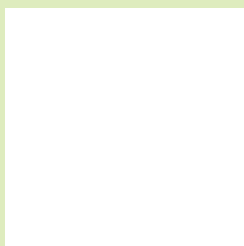
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4139, 79.2382, 60.3512

Background



This preview shows how black text looks on a background with the XYZ color 69.4139, 79.2382, 60.3512.



This preview shows how white text looks on a background with the XYZ color 69.4139, 79.2382, 60.3512.

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

69.4139, 79.2382, 60.3512

Protanopia

74.2972, 78.8596, 58.3192

Deuteranopia

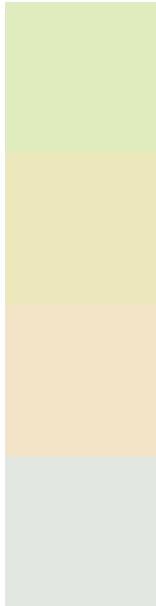
78.9151, 78.9791, 68.8428



Tritanopia

77.0111, 78.9636, 98.3714

Trichromacy



Original Color

69.4139, 79.2382, 60.3512

Protanomaly

72.5258, 79.1769, 59.0371

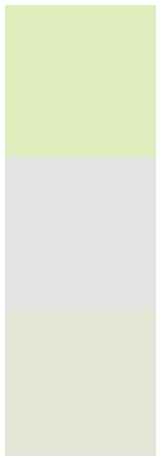
Deuteranomaly

75.1309, 78.7116, 65.8766

Tritanomaly

73.9819, 78.9737, 83.2957

Monochromacy



Original Color

69.4139, 79.2382, 60.3512

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

71.4858, 77.4562, 74.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4139, 79.2382, 60.3512 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(222, 236, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 236, 190)  
}
```

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(222, 236, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 236, 190) }
```

Border

The CSS property to change the border of an element to XYZ 69.4139, 79.2382, 60.3512 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(222, 236, 190) }
```


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

```
.border{ border-color:rgb(222, 236, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 236, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 236, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 236, 190);  
box-shadow:4px 4px 4px 4px rgb(222, 236,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4139, 79.2382, 60.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 236, 190) }
```

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

```
.background{ background-color: rgb(222,  
236, 190) }
```

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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