

Converting Colors

XYZ(58.3564, 73.3408, 11.0795)

Have a look what the booklet for
XYZ(58.3564, 73.3408, 11.0795)
contains.

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Color

**XYZ(58.3523, 73.3379,
11.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE900
RGB	219, 233, 0
RGB Percent	86%, 91%, 0%
CMY	0.1412, 0.0863, 0.9999
CMYK	0.06, 0.00, 1.00, 0.09
HSL	64°, 100%, 46%
HSV	64°, 100%, 91%
XYZ	58.3523, 73.3379, 11.0801
YIQ	202.2520, 66.4490, -75.4310

Conversions

Conversions Part 2

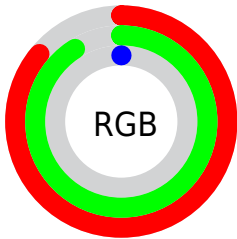
Format	Color
RYB	0, 233, 14
Decimal	14412032
CIELab	88.61, -25.94, 86.99
CIELCh	89, 90.773, 106.607
Yxy	73.3379, 0.4087, 0.5137
Android (android.graphics.Color)	4292602112 (0xFFDBE900)
YUV	202.2520, -99.7102, 14.6880
Hunter-Lab	85.6376, -28.2382, 52.2751

Details

The XYZ color **58.3523, 73.3379, 11.0801** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **14.8909, 5.9779, 77.4644**, and the grayscale version is **56.8751, 59.8370, 65.1625**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **30.2185, 39.2117, 5.9759** is the 20% darker color. If you saturate the color by 10%, you get **58.3532, 73.3409, 11.0807**, and if you desaturate by 10%, it is **58.9351, 73.6226, 11.9326**.

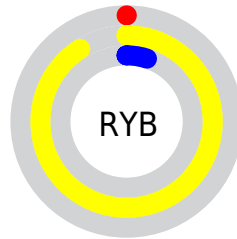
Distribution



Red (86%)

Green (91%)

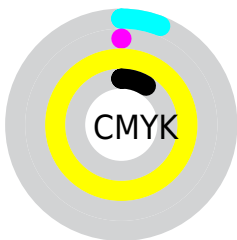
Blue (0%)



Red (0%)

Yellow (91%)

Blue (5%)

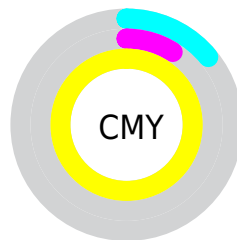


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (14%)


Magenta (9%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3523, 73.3379, 11.0801 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 58.3523, 73.3379, 11.0801 by changing the saturation by 10% instead.


 58.3523, 73.3379,
11.0801


 58.3523, 73.3379,
11.0801


408.4301,
472.1851, 208.9734


 42.3363, 54.2523,
6.0059


 101.5557,
123.9568, 28.4471

 29.5570, 38.8034,
2.7798


 129.4739,
156.2589, 41.5770


 19.6490, 26.6068,
0.9833

 162.0901,
193.7352, 58.2291

 12.2469, 17.2782,
0.0000

 199.7698,
236.7703, 78.8221

 6.9855, 10.4330,
0.0000

 242.8783,
285.7484, 103.7745

 3.4993, 5.6870,
0.0000


 291.7809,

 1.4229, 2.6557,


341.0539, 133.5048


0.0000


346.8431,
403.0714, 168.4316


 0.2725, 0.9547,
0.0000


 0.0000, 0.0000,
0.0000

 58.3523, 73.3379,
11.0801


 58.3523, 73.3379,
11.0801

 58.3532, 73.3409,
11.0807

 58.9351, 73.6226,
11.9326

 59.7096, 73.9818,
13.7835

 60.7377, 74.4427,
16.9510

 62.0544, 75.0195,
21.6199

■ 63.6894, 75.7241,
27.9459

■ 65.6684, 76.5666,
36.0650

■ 68.0147, 77.5565,
46.0993

■ 70.7494, 78.7022,
58.1602

■ 73.8921, 80.0115,
72.3504

Harmonies

Analogous

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



79.9180, 73.3379, 10.6175



58.3523, 73.3379, 11.0801



43.3712, 73.3379, 22.3621

Triad

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



58.3523, 73.3379, 11.0801



44.5998, 73.3379, 203.4106



119.2027, 73.3379, 111.1600

Complementary

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



58.3523, 73.3379, 11.0801



14.8909, 5.9779, 77.4644

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.



104.9900, 73.3379, 194.6192



58.3523, 73.3379, 11.0801



60.4022, 73.3379, 263.9353

Square

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



58.3523, 73.3379, 11.0801



36.6456, 73.3379, 119.5064



82.4433, 73.3379, 260.0696



118.3307, 73.3379, 50.1123

Rectangle

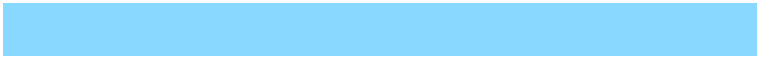
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3523, 73.3379, 11.0801



37.7669, 73.3379, 40.9123



82.4433, 73.3379, 260.0696



115.9222, 73.3379, 137.9227

Sweetspot

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



58.3540, 73.3413, 11.0816



83.4143, 95.1526, 56.3531



33.7341, 17.5800, 1.6162



17.5815, 20.2518, 10.8854



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.



58.3540, 73.3413, 11.0816



71.5828, 89.9873, 13.5965



34.9513, 61.2768, 9.9864



16.2573, 17.5782, 16.0548



33.1473, 41.6325, 6.2888



2.6301, 3.2832, 0.4951

Inverse Universe

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



14.8909, 5.9779, 77.4644



18.2524, 7.3244, 95.0595



23.6365, 10.4864, 77.8737



14.3150, 14.5921, 18.9843



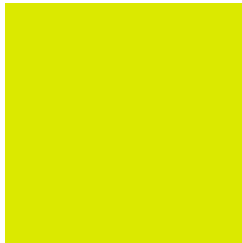
8.4821, 3.4086, 43.9538



0.6956, 0.2829, 3.4528

Previews

White Background



This preview shows how the XYZ color 58.3523, 73.3379, 11.0801 looks on a white background.

Color Contrast Check

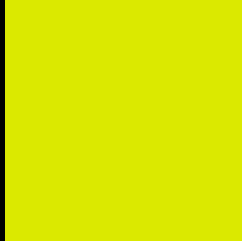
Large Text (above 18pt) WCAG AA × Fail

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 58.3523, 73.3379, 11.0801 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 58.3523, 73.3379, 11.0801

Background



This preview shows how black text looks on a background with the XYZ color 58.3523, 73.3379, 11.0801.



This preview shows how white text looks on a background with the XYZ color 58.3523, 73.3379,

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

58.3523, 73.3379, 11.0801

Protanopia

66.1713, 73.2846, 10.6577

Deuteranopia

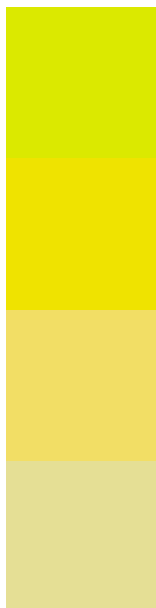
72.0539, 72.8749, 43.0695



Tritanopia

73.9251, 73.2284, 88.0801

Trichromacy



Original Color

58.3523, 73.3379, 11.0801

Protanomaly

63.0657, 73.2889, 10.8223

Deuteranomaly

65.0882, 72.0594, 22.7903

Tritanomaly

64.1256, 71.6033, 38.8748

Monochromacy



Original Color

58.3523, 73.3379, 11.0801

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

53.7691, 62.5834, 30.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3523, 73.3379, 11.0801 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(219, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 0)  
}
```

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(219, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 0) }
```

Border

The CSS property to change the border of an element to XYZ 58.3523, 73.3379, 11.0801 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(219, 233, 0) }
```


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

```
.border{ border-color:rgb(219, 233, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(219, 233,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3523, 73.3379, 11.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 0) }
```

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

```
.background{ background-color: rgb(219,  
233, 0) }
```

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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