

Converting Colors

XYZ(73.6774, 79.0989, 34.4333)

Have a look what the booklet for
XYZ(73.6774, 79.0989, 34.4333)
contains.

XYZ(73.6325, 79.0479, 34.2986)	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(73.6325, 79.0479,
34.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE587
RGB	255, 229, 135
RGB Percent	100%, 90%, 53%
CMY	0.0000, 0.1019, 0.4706
CMYK	0.00, 0.10, 0.47, 0.00
HSL	47°, 100%, 76%
HSV	47°, 47%, 100%
XYZ	73.6325, 79.0479, 34.2986
YIQ	226.0580, 45.6700, -23.7220

Conversions

Conversions Part 2

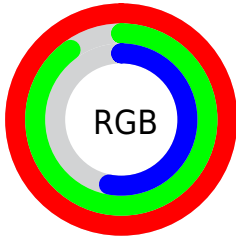
Format	Color
R_{YB}	168, 255, 135
Decimal	16770439
CIE _{Lab}	91.26, -3.10, 48.84
CIE _{LCh}	91, 48.940, 93.629
Yxy	79.0479, 0.3938, 0.4228
Android (android.graphics.Color)	4294960519 (0xFFFFE587)
YUV	226.0580, -44.8916, 25.3821
Hunter-Lab	88.9089, -7.7605, 39.3638

Details

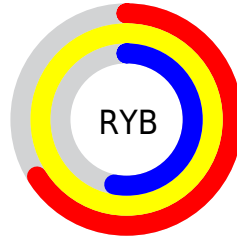
The XYZ color **73.6325, 79.0479, 34.2986** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.7862, 37.8594, 99.7654**, and the grayscale version is **72.6238, 76.4059, 83.2060**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **39.4623, 42.6324, 14.3326** is the 20% darker color. If you saturate the color by 10%, you get **70.5443, 75.4087, 25.4476**, and if you desaturate by 10%, it is **77.2032, 82.9637, 45.4333**.

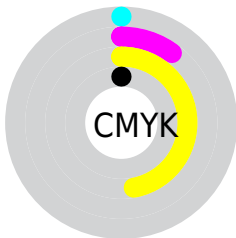
Distribution



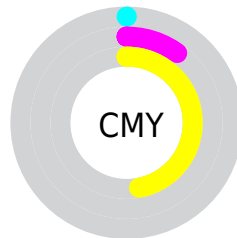
- Red (100%)
- Green (90%)
- Blue (53%)



- Red (66%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6325, 79.0479, 34.2986 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 73.6325, 79.0479, 34.2986 by changing the saturation by 10% instead.


 73.6325, 79.0479,
34.2986

 73.6325, 79.0479,
34.2986


462.2740,
491.7184, 336.2712


 54.7835, 58.9352,
22.8439


 123.3730,
132.0263, 67.5369

 39.4616, 42.5610,
14.2740


 154.9953,
165.6608, 90.1576

 27.3013, 29.5408,
8.1706


 191.6060,
204.5713, 117.3374

 17.9374, 19.4903,
4.1150

233.5705,
249.1422, 149.4948

 11.0045, 12.0251,
1.6886

281.2542,
299.7580, 187.0483

 6.1372, 6.7608,
0.3529

335.0225,

 2.9701, 3.3129,

356.8031, 230.4165

0.0000

395.2406,
420.6617, 280.0179

■ 1.1380, 1.2972,
0.0000

■ 0.0565, 0.1390,
0.0000

■ 73.6325, 79.0479,
34.2986

■ 73.6325, 79.0479,
34.2986

■ 70.5443, 75.4087,
25.4476

■ 77.2032, 82.9637,
45.4333

■ 67.9011, 72.0218,
18.7109

■ 81.2791, 87.1572,
58.9950

■ 65.6690, 68.8757,
13.9036

■ 85.8883, 91.6432,
75.1210

■ 63.8060, 65.9528,
10.8063

■ 91.0552, 96.4322,
93.9369

■ 62.2583, 63.2310, 95.0499, 100.0000,
9.1389 108.9000

■ 61.8393, 62.4588,
8.7965

Harmonies

Analogous

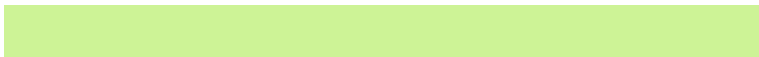
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2372, 79.0479, 38.2156



73.6325, 79.0479, 34.2986



62.6780, 79.0479, 40.7885

Triad

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



73.6325, 79.0479, 34.2986



56.9652, 79.0479, 129.7319



98.6017, 79.0479, 120.1305

Complementary

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



73.6325, 79.0479, 34.2986



40.7862, 37.8594, 99.7654

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.



89.1367, 79.0479, 156.4267



73.6325, 79.0479, 34.2986



65.0248, 79.0479, 162.9570

Square

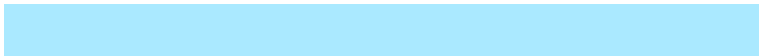
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6325, 79.0479, 34.2986



53.7472, 79.0479, 90.4678



76.6531, 79.0479, 173.8651



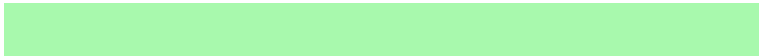
101.5496, 79.0479, 81.8165

Rectangle

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



73.6325, 79.0479, 34.2986



57.5115, 79.0479, 51.5735



76.6531, 79.0479, 173.8651



96.0291, 79.0479, 133.2853

Sweetspot

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



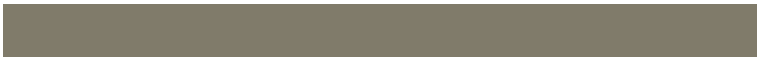
73.6344, 79.0516, 34.3002



87.4082, 93.0752, 80.5835



56.3375, 41.1619, 38.6949



18.4783, 19.7050, 16.4175



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

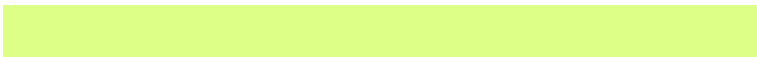
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6344, 79.0516, 34.3002



70.8496, 75.7819, 26.2809



69.9523, 88.6414, 36.3453



19.2077, 20.3836, 19.0664



32.4268, 32.8649, 4.6345



3.2362, 3.3578, 0.4775

Inverse Universe

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



40.7862, 37.8594, 99.7654



34.5999, 30.3626, 98.6447



43.0769, 32.9839, 98.7037



17.3219, 18.0155, 22.8143



10.2393, 5.3882, 49.9349



1.0728, 0.6763, 4.8873

Previews

White Background



This preview shows how the XYZ color 73.6325, 79.0479, 34.2986 looks on a white background.

Color Contrast Check

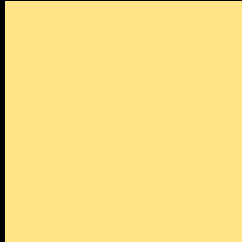
Large Text (above 18pt) WCAG AA × Fail

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 73.6325, 79.0479, 34.2986 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 73.6325, 79.0479, 34.2986

Background



This preview shows how black text looks on a background with the XYZ color 73.6325, 79.0479, 34.2986.



This preview shows how white text looks on a background with the XYZ color 73.6325, 79.0479,

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

73.6325, 79.0479, 34.2986

Protanopia

72.8149, 79.0383, 34.3398

Deuteranopia

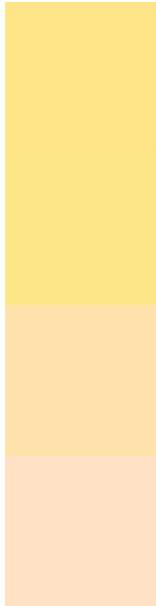
77.6796, 78.9162, 61.0074



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

73.6325, 79.0479, 34.2986

Protanomaly

73.1780, 79.2255, 34.3568

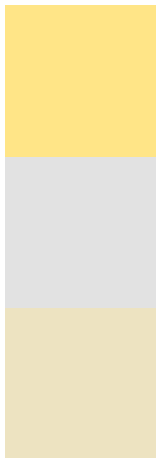
Deuteranomaly

75.7870, 78.5930, 49.7036

Tritanomaly

77.9737, 78.6025, 63.8855

Monochromacy



Original Color

73.6325, 79.0479, 34.2986

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0198, 76.7930, 61.4787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6325, 79.0479, 34.2986 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(255, 229, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 135)  
}
```

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(255, 229, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 135) }
```

Border

The CSS property to change the border of an element to XYZ 73.6325, 79.0479, 34.2986 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(255, 229, 135) }
```


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

```
.border{ border-color:rgb(255, 229, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6325, 79.0479, 34.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 135) }
```

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

```
.background{ background-color: rgb(255,  
229, 135) }
```

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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