

Converting Colors

XYZ(73.6260, 79.0029, 36.1795)

Have a look what the booklet for
XYZ(73.6260, 79.0029, 36.1795)
contains.

XYZ(73.6260, 79.0029, 36.1795)	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(73.6260, 79.0029,
36.1795)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE58C
RGB	254, 229, 140
RGB Percent	100%, 90%, 55%
CMY	0.0039, 0.1019, 0.4510
CMYK	0.00, 0.10, 0.45, 0.00
HSL	47°, 98%, 77%
HSV	47°, 45%, 100%
XYZ	73.6260, 79.0029, 36.1795
YIQ	226.3290, 43.4690, -22.3790

Conversions

Conversions Part 2

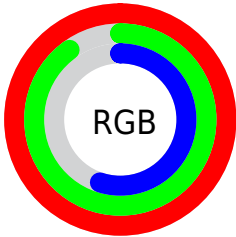
Format	Color
RYB	172, 254, 140
Decimal	16704908
CIELab	91.24, -3.02, 46.36
CIElCh	91, 46.462, 93.731
Yxy	79.0029, 0.3900, 0.4184
Android (android.graphics.Color)	4294894988 (0xFFFE58C)
YUV	226.3290, -42.5602, 24.2675
Hunter-Lab	88.8836, -7.6872, 38.0849

Details

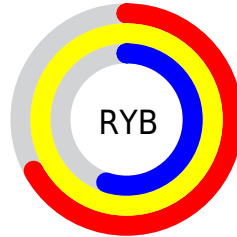
The XYZ color **73.6260, 79.0029, 36.1795** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.1594, 39.6402, 99.1951**, and the grayscale version is **72.8051, 76.5966, 83.4137**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **39.4032, 42.5788, 15.3743** is the 20% darker color. If you saturate the color by 10%, you get **70.4495, 75.3091, 26.9230**, and if you desaturate by 10%, it is **77.2881, 82.9759, 47.7321**.

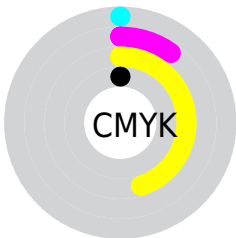
Distribution



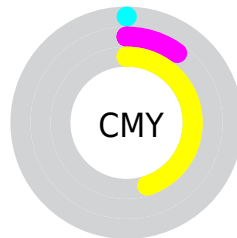
- Red (100%)
- Green (90%)
- Blue (55%)



- Red (67%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6260, 79.0029, 36.1795 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 73.6260, 79.0029, 36.1795 by changing the saturation by 10% instead.

 73.6260, 79.0029,
36.1795

 73.6260, 79.0029,
36.1795


462.2518,
491.5662, 344.8055


 54.7782, 58.8982,
24.2821


 123.3638,
131.9629, 70.4812

 39.4573, 42.5312,
15.3289


 154.9846,
165.5871, 93.7225

 27.2980, 29.5174,
8.9013


 191.5937,
204.4865, 121.5823

 17.9349, 19.4726,
4.5809

233.5565,
249.0455, 154.4789

 11.0027, 12.0123,
1.9492

281.2383,
299.6486, 192.8310

 6.1359, 6.7520,
0.5237

335.0046,

 2.9694, 3.3075,

356.6801, 237.0571

0.0000

395.2207,
420.5245, 287.5758

■ 1.1376, 1.2943,
0.0000

■ 0.0562, 0.1368,
0.0000

■ 73.6260, 79.0029,
36.1795

■ 73.6260, 79.0029,
36.1795

■ 70.4495, 75.3091,
26.9230

■ 77.2881, 82.9759,
47.7321

■ 67.7221, 71.8703,
19.7989

■ 81.4578, 87.2288,
61.7199

■ 65.4114, 68.6759,
14.6293

■ 86.1624, 91.7762,
78.2764

■ 63.4772, 65.7089,
11.2055

■ 91.4256, 96.6283,
97.5242

■ 61.8702, 62.9490,
9.2703

94.6830, 99.8108,
108.8828

■ 61.1384, 61.6017,
8.6680

Harmonies

Analogous

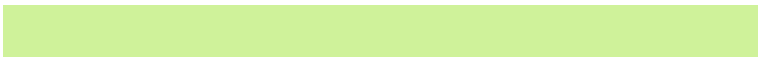
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5641, 79.0029, 39.9882



73.6260, 79.0029, 36.1795



63.2048, 79.0029, 42.5745

Triad

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



73.6260, 79.0029, 36.1795



57.7886, 79.0029, 127.2902



97.2803, 79.0029, 118.0327

Complementary

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



73.6260, 79.0029, 36.1795



42.1594, 39.6402, 99.1951

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.



88.3787, 79.0029, 152.0096



73.6260, 79.0029, 36.1795



65.5074, 79.0029, 158.2616

Square

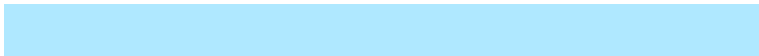
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6260, 79.0029, 36.1795



54.6849, 79.0029, 90.3101



76.5730, 79.0029, 168.3167



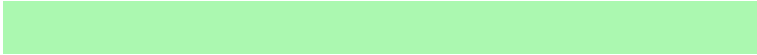
100.0277, 79.0029, 81.8694

Rectangle

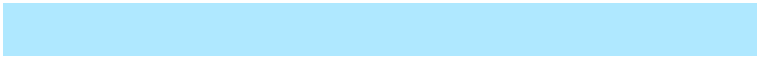
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6260, 79.0029, 36.1795



58.2731, 79.0029, 53.0778



76.5730, 79.0029, 168.3167



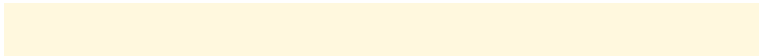
94.8658, 79.0029, 130.3699

Sweetspot

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



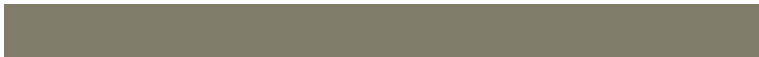
73.6279, 79.0066, 36.1811



87.8898, 93.4960, 82.4161



57.1897, 42.6030, 41.5755



18.5725, 19.7869, 16.7779



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.



73.6279, 79.0066, 36.1811



71.3424, 76.2992, 27.8893



70.7924, 88.5606, 38.1747



19.2035, 20.3751, 19.0650



32.3469, 32.7049, 4.6078



3.2291, 3.3435, 0.4752

Inverse Universe

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



42.1594, 39.6402, 99.1951



35.9366, 32.0429, 98.8986



43.9324, 34.5036, 98.1102



17.3259, 18.0233, 22.8156



10.2570, 5.4236, 49.9408



1.0750, 0.6808, 4.8880

Previews

White Background



This preview shows how the XYZ color 73.6260, 79.0029, 36.1795 looks on a white background.

Color Contrast Check

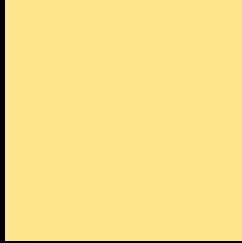
Large Text (above 18pt) WCAG AA × Fail

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 73.6260, 79.0029, 36.1795 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 73.6260, 79.0029, 36.1795

Background



This preview shows how black text looks on a background with the XYZ color 73.6260, 79.0029, 36.1795.

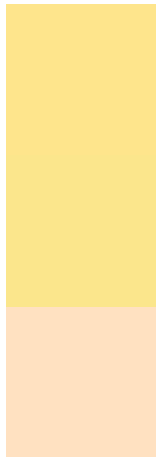


This preview shows how white text looks on a background with the XYZ color 73.6260, 79.0029,

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

73.6260, 79.0029, 36.1795

Protanopia

72.8141, 78.9963, 36.2210

Deuteranopia

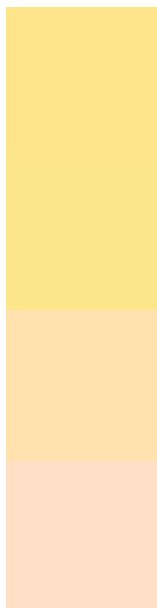
77.7909, 78.9607, 61.5930



Tritanopia

81.8044, 78.8561, 88.0000

Trichromacy



Original Color

73.6260, 79.0029, 36.1795

Protanomaly

73.1753, 79.1825, 36.2379

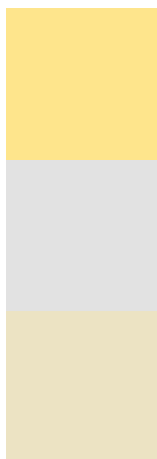
Deuteranomaly

76.0763, 78.7087, 51.2270

Tritanomaly

78.2045, 78.6948, 65.1006

Monochromacy



Original Color

73.6260, 79.0029, 36.1795

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.9115, 76.7112, 62.6464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6260, 79.0029, 36.1795 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(254, 229, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 140)  
}
```

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(254, 229, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 140) }
```

Border

The CSS property to change the border of an element to XYZ 73.6260, 79.0029, 36.1795 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(254, 229, 140) }
```


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

```
.border{ border-color:rgb(254, 229, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 229, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6260, 79.0029, 36.1795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 140) }
```

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

```
.background{ background-color: rgb(254,  
229, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor