

Converting Colors

XYZ(73.1558, 83.2707, 65.3552)

Have a look what the booklet for
XYZ(73.1558, 83.2707, 65.3552)
contains.

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Color

**XYZ(73.3269, 83.3187,
65.6435)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E3F1C6 |
| RGB | 227, 241, 198 |
| RGB Percent | 89%, 95%, 78% |
| CMY | 0.1098, 0.0549, 0.2235 |
| CMYK | 0.06, 0.00, 0.18, 0.05 |
| HSL | 80°, 61%, 86% |
| HSV | 80°, 18%, 95% |
| XYZ | 73.3269, 83.3187, 65.6435 |
| YIQ | 231.9120, 5.4590, -16.3410 |

Conversions

Conversions Part 2

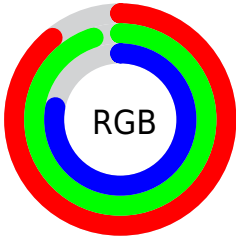
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 198, 241, 212 |
| Decimal | 14938566 |
| CIE _{Lab} | 93.15, -11.91, 19.24 |
| CIE _{LCh} | 93, 22.630, 121.767 |
| Yxy | 83.3187, 0.3299, 0.3748 |
| Android (android.graphics.Color) | 4293128646 (0xFFE3F1C6) |
| YUV | 231.9120, -16.7186, -4.3078 |
| Hunter-Lab | 91.2791, -16.3446, 21.2569 |

Details

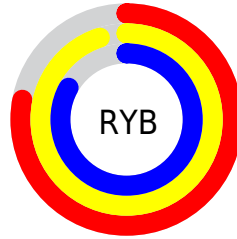
The XYZ color **73.3269, 83.3187, 65.6435** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **63.2260, 60.7384, 91.6149**, and the grayscale version is **76.7561, 80.7534, 87.9404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1776, 45.3695, 33.0779** is the 20% darker color. If you saturate the color by 10%, you get **68.3466, 81.0498, 52.0360**, and if you desaturate by 10%, it is **78.8669, 85.8300, 81.5895**.

Distribution



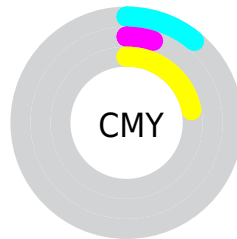
- Red (89%)
- Green (95%)
- Blue (78%)



- Red (78%)
- Yellow (95%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3269, 83.3187, 65.6435 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 73.3269, 83.3187, 65.6435 by changing the saturation by 10% instead.

73.3269, 83.3187,
65.6435

73.3269, 83.3187,
65.6435

461.2333,
506.0481, 463.4702

54.5326, 62.4531,
47.5284

122.9418,
138.0217, 114.5966

39.2600, 45.3989,
33.0962

154.4932,
172.6280, 146.2717

27.1437, 31.7718,
21.9285

191.0276,
212.5832, 183.3039

17.8183, 21.1872,
13.6065

232.9104,
258.2718, 226.1118

10.9185, 13.2609,
7.7119

280.5071,
310.0782, 275.1138

6.0790, 7.6085,
3.8260

334.1829,

2.9343, 3.8455,

368.3868, 330.7285

1.5304

394.3031,
433.5819, 393.3744

■ 1.1191, 1.5875,
0.2404

■ 0.0410, 0.3491,
0.0000

■ 73.3269, 83.3187,
65.6435

■ 73.3269, 83.3187,
65.6435

■ 68.3466, 81.0498,
52.0360

■ 78.8669, 85.8300,
81.5895

■ 63.8970, 79.0033,
40.6516

■ 84.9809, 88.5814,
99.9713

■ 59.9562, 77.1731,
31.3733

■ 89.1277, 90.5592,
107.3899

■ 56.4980, 75.5484,
24.0711

■ 90.7470, 91.3940,
107.4657

■ 53.4935, 74.1174,
18.6006

■ 50.9099, 72.8670,
14.7979

■ 48.7088, 71.7816,
12.4698

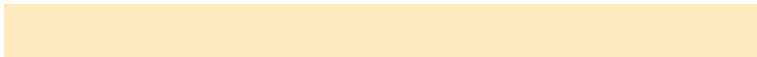
■ 46.8389, 70.8404,
11.3541

■ 46.4628, 70.6498,
11.1879

Harmonies

Analogous

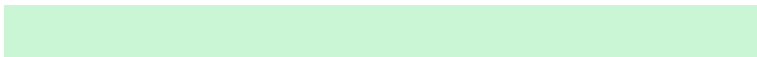
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8400, 83.3187, 61.7828



73.3269, 83.3187, 65.6435



69.5448, 83.3187, 76.1023

Triad

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



73.3269, 83.3187, 65.6435



73.9083, 83.3187, 122.7157



91.1716, 83.3187, 89.7144

Complementary

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



73.3269, 83.3187, 65.6435



63.2260, 60.7384, 91.6149

Split Complementary

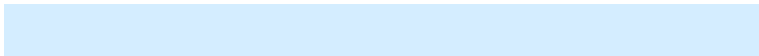
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6923, 83.3187, 107.0988



73.3269, 83.3187, 65.6435



79.5449, 83.3187, 127.5201

Square

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



73.3269, 83.3187, 65.6435



69.8685, 83.3187, 109.0633



85.3616, 83.3187, 121.4854



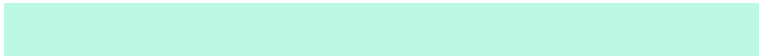
89.3100, 83.3187, 74.5580

Rectangle

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



73.3269, 83.3187, 65.6435



68.4123, 83.3187, 86.1138



85.3616, 83.3187, 121.4854



91.0483, 83.3187, 95.4873

Sweetspot

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



73.3291, 83.3223, 65.6453



91.5534, 98.4268, 98.3743



69.9194, 69.6762, 63.1910



19.4939, 21.0213, 20.7517



0.0000, 0.0000, 0.0000



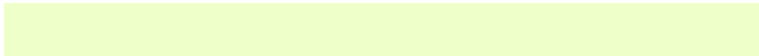
20.3446, 21.4041, 23.3091

Same Dimension

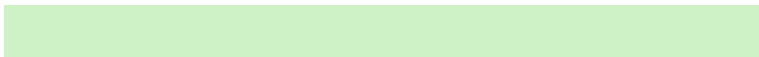
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3291, 83.3223, 65.6453



81.4682, 93.8594, 69.3591



67.0723, 80.0968, 65.3525



16.5934, 18.1861, 16.7854



25.3419, 38.3858, 6.0735



2.2121, 3.2469, 0.5101

Inverse Universe

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



63.2260, 60.7384, 91.6149



68.2219, 64.2463, 103.4128



69.7166, 64.0845, 91.9187



15.3820, 15.4786, 19.8986



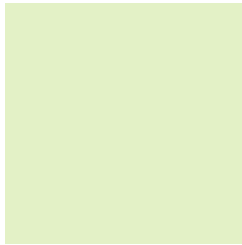
10.4608, 4.3981, 45.4255



0.9708, 0.4177, 3.7837

Previews

White Background



This preview shows how the XYZ color 73.3269, 83.3187, 65.6435 looks on a white background.

Color Contrast Check

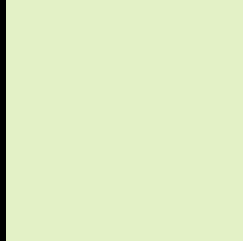
Large Text (above 18pt) WCAG AA × Fail

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 73.3269, 83.3187, 65.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

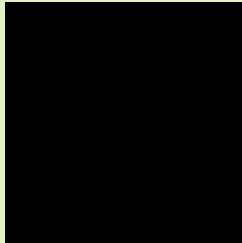
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

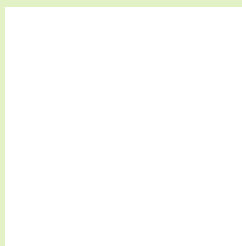
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3269, 83.3187, 65.6435

Background



This preview shows how black text looks on a background with the XYZ color 73.3269, 83.3187, 65.6435.

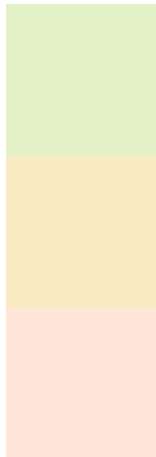


This preview shows how white text looks on a background with the XYZ color 73.3269, 83.3187,

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

73.3269, 83.3187, 65.6435

Protanopia

78.2701, 83.3133, 63.5856

Deuteranopia

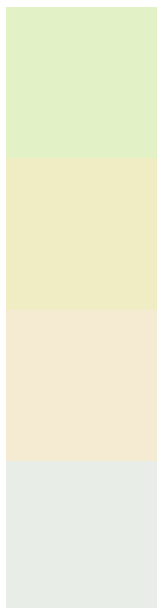
82.0612, 82.8634, 77.3148



Tritanopia

81.2545, 83.5361, 103.9370

Trichromacy



Original Color

73.3269, 83.3187, 65.6435

Protanomaly

76.1832, 83.0792, 64.2452

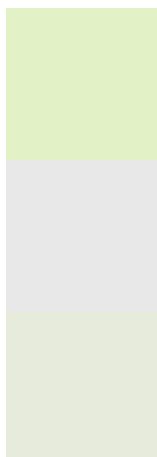
Deuteranomaly

78.7119, 82.9113, 72.8277

Tritanomaly

78.1284, 83.5504, 88.3530

Monochromacy



Original Color

73.3269, 83.3187, 65.6435

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2597, 81.4070, 79.4566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3269, 83.3187, 65.6435 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(227, 241, 198)` looks like.

```
.text, #text, p{  
    color:rgb(227, 241, 198)  
}
```

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(227, 241, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 241, 198) }
```

Border

The CSS property to change the border of an element to XYZ 73.3269, 83.3187, 65.6435 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(227, 241, 198) }
```


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

```
.border{ border-color:rgb(227, 241, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 241, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 241, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 241, 198);  
box-shadow:4px 4px 4px 4px rgb(227, 241,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3269, 83.3187, 65.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 241, 198) }
```

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

```
.background{ background-color: rgb(227,  
241, 198) }
```

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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