

Converting Colors

XYZ(65.8095, 74.2741, 31.7718)

Have a look what the booklet for
XYZ(65.8095, 74.2741, 31.7718)
contains.

XYZ(65.6925, 74.1853, 31.6257)	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(65.6925, 74.1853,
31.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE381
RGB	235, 227, 129
RGB Percent	92%, 89%, 51%
CMY	0.0784, 0.1098, 0.4941
CMYK	0.00, 0.03, 0.45, 0.08
HSL	55°, 73%, 71%
HSV	55°, 45%, 92%
XYZ	65.6925, 74.1853, 31.6257
YIQ	218.2200, 36.2260, -28.7820

Conversions

Conversions Part 2

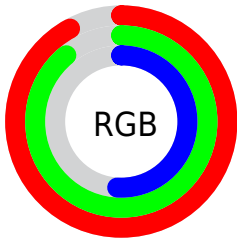
Format	Color
R_{YB}	138, 235, 129
Decimal	15459201
CIE _{Lab}	89.01, -10.55, 48.60
CIE _{LCh}	89, 49.733, 102.253
Yxy	74.1853, 0.3830, 0.4326
Android (android.graphics.Color)	4293649281 (0xFFEBE381)
YUV	218.2200, -43.9855, 14.7161
Hunter-Lab	86.1309, -14.5861, 38.5214

Details

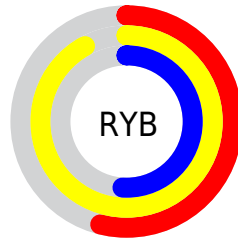
The XYZ color **65.6925, 74.1853, 31.6257** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.9942, 28.5558, 82.3700**, and the grayscale version is **67.0706, 70.5635, 76.8436**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **34.2235, 39.3880, 12.8200** is the 20% darker color. If you saturate the color by 10%, you get **63.8251, 72.6694, 24.1631**, and if you desaturate by 10%, it is **67.9277, 75.8617, 40.9847**.

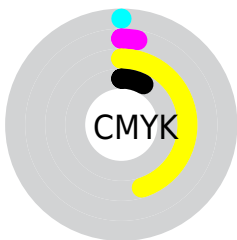
Distribution



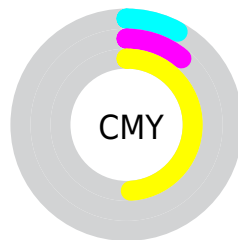
- Red (92%)
- Green (89%)
- Blue (51%)



- Red (54%)
- Yellow (92%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (45%)
- Black (8%)



- Cyan (8%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6925, 74.1853, 31.6257 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 65.6925, 74.1853, 31.6257 by changing the saturation by 10% instead.

65.6925, 74.1853,
31.6257

65.6925, 74.1853,
31.6257

434.7823,
475.1127, 323.8507

48.2896, 54.9457,
20.8133

112.1051,
125.1584, 63.3149

34.2685, 39.3583,
12.7977

141.8454,
157.6608, 85.0288

23.2638, 27.0385,
7.1603

176.4290,
195.3529, 111.2137

14.9102, 17.6022,
3.4826

216.2211,
238.6190, 142.2880

8.8423, 10.6648,
1.3460

261.5872,
287.8437, 178.6703

4.6947, 5.8419,
0.0991

312.8925,

2.1022, 2.7492,

343.4113, 220.7791

0.0000

370.5024,
405.7061, 269.0331

■ 0.6904, 1.0022,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6925, 74.1853,
31.6257

■ 65.6925, 74.1853,
31.6257

■ 63.8251, 72.6694,
24.1631

■ 67.9277, 75.8617,
40.9847

■ 62.2952, 71.2937,
18.4610


■ 70.5480, 77.6974,
52.3545


■ 61.0763, 70.0505,
14.3724


■ 73.5758, 79.7042,
65.8460


■ 60.1358, 68.9264,
11.7250

■ 77.0305, 81.8898,
81.5603

 59.4333, 67.9055,
10.3067


 80.9300, 84.2614,
99.5925

 59.1453, 67.4310,
9.8982

 82.7806, 85.8216,
106.8100

 83.2981, 86.8566,
106.9825

 83.8207, 87.9018,
107.1567

 84.3485, 88.9572,
107.3326

Harmonies

Analogous

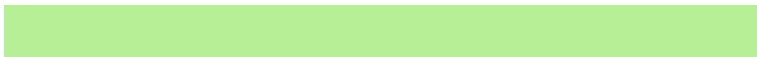
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8356, 74.1853, 32.5179



65.6925, 74.1853, 31.6257



56.0089, 74.1853, 40.8438

Triad

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



65.6925, 74.1853, 31.6257



54.6684, 74.1853, 134.3089



95.0445, 74.1853, 102.8118

Complementary

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



65.6925, 74.1853, 31.6257



32.9942, 28.5558, 82.3700

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.



87.3221, 74.1853, 140.7420



65.6925, 74.1853, 31.6257



63.6608, 74.1853, 162.2038

Square

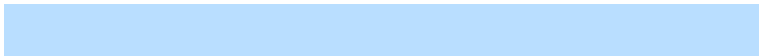
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6925, 74.1853, 31.6257



50.1494, 74.1853, 95.7411



75.5593, 74.1853, 164.8468



95.7499, 74.1853, 67.4563

Rectangle

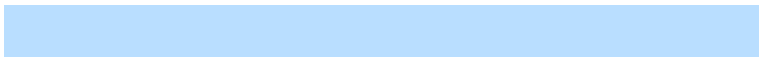
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6925, 74.1853, 31.6257



51.8766, 74.1853, 53.5789



75.5593, 74.1853, 164.8468



93.1457, 74.1853, 115.8982

Sweetspot

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



65.6943, 74.1887, 31.6272



88.9728, 96.2045, 81.1050



46.6871, 35.1936, 28.3149



18.8631, 20.4748, 16.5458



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.



65.6943, 74.1887, 31.6272



77.0047, 87.6237, 29.7767



55.1152, 72.0566, 31.7733



16.2491, 17.4212, 16.0249



32.9592, 37.6126, 5.5228



2.6171, 3.0115, 0.4433

Inverse Universe

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



32.9942, 28.5558, 82.3700



33.1046, 26.3789, 97.9546



40.1168, 30.6028, 82.3897



14.3224, 14.7313, 19.0108



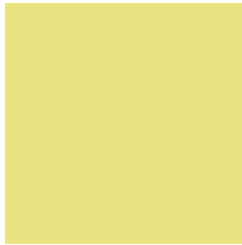
8.4980, 3.6431, 43.9983



0.6992, 0.3498, 3.4655

Previews

White Background



This preview shows how the XYZ color 65.6925, 74.1853, 31.6257 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 65.6925, 74.1853, 31.6257 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 65.6925, 74.1853, 31.6257

Background



This preview shows how black text looks on a background with the XYZ color 65.6925, 74.1853, 31.6257.



This preview shows how white text looks on a background with the XYZ color 65.6925, 74.1853,

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

65.6925, 74.1853, 31.6257

Protanopia

68.2081, 74.2823, 31.1650

Deuteranopia

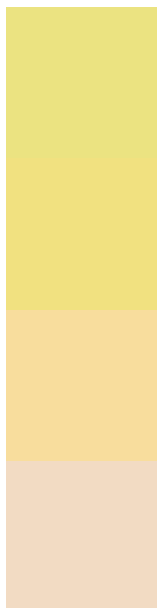
73.5957, 73.9028, 49.9209



Tritanopia

76.8720, 74.0199, 86.5796

Trichromacy



Original Color

65.6925, 74.1853, 31.6257

Protanomaly

67.0971, 74.1097, 31.1903

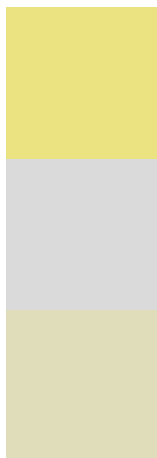
Deuteranomaly

70.6537, 74.1037, 42.4779

Tritanomaly

71.7998, 73.4804, 62.0286

Monochromacy



Original Color

65.6925, 74.1853, 31.6257

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.4598, 71.1054, 56.7290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6925, 74.1853, 31.6257 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(235, 227, 129)` looks like.

```
.text, #text, p{  
    color:rgb(235, 227, 129)  
}
```

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(235, 227, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 227, 129) }
```

Border

The CSS property to change the border of an element to XYZ 65.6925, 74.1853, 31.6257 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(235, 227, 129) }
```


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

```
.border{ border-color:rgb(235, 227, 129) }
```

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

Here you see how a box with a 4 pixel rgb(235, 227, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 227, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 227, 129);  
box-shadow:4px 4px 4px 4px rgb(235, 227,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6925, 74.1853, 31.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 227, 129) }
```

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

```
.background{ background-color: rgb(235,  
227, 129) }
```

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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