

Converting Colors

XYZ(60.3428, 75.9956, 14.7133)

Have a look what the booklet for
XYZ(60.3428, 75.9956, 14.7133)
contains.

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Color

**XYZ(60.4192, 76.0320,
14.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	DCED34
RGB	220, 237, 52
RGB Percent	86%, 93%, 20%
CMY	0.1373, 0.0706, 0.7960
CMYK	0.07, 0.00, 0.78, 0.07
HSL	66°, 84%, 57%
HSV	66°, 78%, 93%
XYZ	60.4192, 76.0320, 14.7400
YIQ	210.8270, 49.2530, -61.1390

Conversions

Conversions Part 2

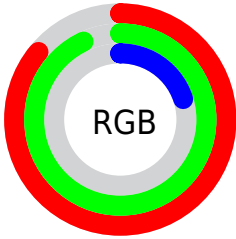
Format	Color
R _Y B	52, 237, 69
Decimal	14478644
CIE _{Lab}	89.87, -26.44, 79.85
CIE _{LCh}	90, 84.112, 108.321
Y _{xy}	76.0320, 0.3996, 0.5029
Android (android.graphics.Color)	4292668724 (0xFFDCED34)
Y _{UV}	210.8270, -78.3017, 8.0447
Hunter-Lab	87.1963, -28.9092, 51.0148

Details

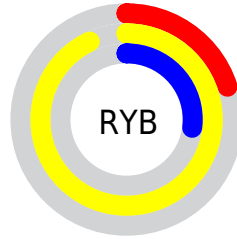
The XYZ color **60.4192, 76.0320, 14.7400** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **18.9707, 9.8373, 81.0245**, and the grayscale version is **62.2828, 65.5263, 71.3582**.

A 20% lighter version of the original color is **80.0373, 93.9949, 29.8440**, and **31.2218, 40.6248, 6.1958** is the 20% darker color. If you saturate the color by 10%, you get **59.3590, 75.5350, 12.5692**, and if you desaturate by 10%, it is **61.7591, 76.6475, 18.3239**.

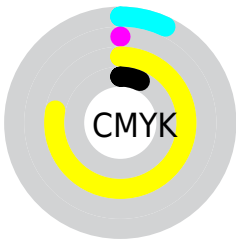
Distribution



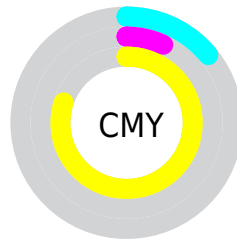
- Red (86%)
- Green (93%)
- Blue (20%)



- Red (20%)
- Yellow (93%)
- Blue (27%)



- Cyan (7%)
- Magenta (0%)
- Yellow (78%)
- Black (7%)





- Cyan (14%)
- Magenta (7%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4192, 76.0320, 14.7400 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 60.4192, 76.0320, 14.7400 by changing the saturation by 10% instead.


 60.4192, 76.0320,
14.7400

 60.4192, 76.0320,
14.7400


415.9512,
481.4572, 233.3734


 44.0074, 56.4587,
8.4925


 104.5404,
127.7721, 35.1322

 30.8742, 40.5708,
4.3194


 132.9805,
160.7078, 50.1141


 20.6545, 27.9839,
1.8022


 166.1607,
198.8664, 68.8445

 12.9827, 18.3135,
0.4294

 204.4464,
242.6324, 91.7419

 7.4935, 11.1753,
0.0000

 248.2030,
292.3900, 119.2250

 3.8217, 6.1849,
0.0000

297.7957,

 1.6018, 2.9578,

348.5238, 151.7123

0.0000

353.5900,
411.4181, 189.6222

■ 0.3936, 1.1098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4192, 76.0320,
14.7400

■ 60.4192, 76.0320,
14.7400

■ 59.3590, 75.5350,
12.5692

■ 61.7591, 76.6475,
18.3239

■ 58.5243, 75.1265,
11.5486

■ 63.4089, 77.3851,
23.5021

■ 58.3744, 75.0521,
11.4098

■ 65.4003, 78.2603,
30.4338

■ 67.7597, 79.2837,
39.2579

■ 70.5107, 80.4648,
50.0992

■ 73.6752, 81.8123,
63.0721

■ 77.2733, 83.3343,
78.2821

■ 81.3237, 85.0382,
95.8279

■ 84.1384, 86.2488,
106.8209

Harmonies

Analogous

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



80.6605, 76.0320, 13.6804



60.4192, 76.0320, 14.7400



46.3416, 76.0320, 27.6238

Triad

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



60.4192, 76.0320, 14.7400



48.8188, 76.0320, 201.0477



118.8856, 76.0320, 108.1797

Complementary

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



60.4192, 76.0320, 14.7400



18.9707, 9.8373, 81.0245

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.



106.4074, 76.0320, 184.5803



60.4192, 76.0320, 14.7400



64.4754, 76.0320, 253.0325

Square

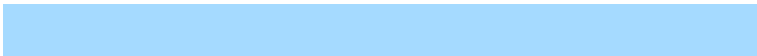
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4192, 76.0320, 14.7400



40.5830, 76.0320, 124.2205



85.5685, 76.0320, 245.8738



117.2236, 76.0320, 51.7721

Rectangle

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



60.4192, 76.0320, 14.7400



41.1306, 76.0320, 47.2990



85.5685, 76.0320, 245.8738



116.1214, 76.0320, 132.6645

Sweetspot

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



60.4209, 76.0355, 14.7416



85.0478, 95.7732, 66.4372



37.5796, 22.3186, 5.5770



17.9209, 20.3788, 13.0684



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.



60.4209, 76.0355, 14.7416



69.4409, 88.8729, 13.9575



39.9731, 65.4942, 13.7846



16.2075, 17.5525, 16.0525



31.9278, 41.0038, 6.2318



2.5470, 3.2404, 0.4912

Inverse Universe

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



18.9707, 9.8373, 81.0245



19.0002, 7.9697, 95.1446



30.9973, 16.0372, 81.5873



14.3596, 14.6151, 18.9864



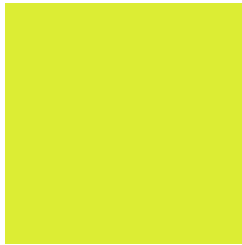
8.5705, 3.4542, 43.9580



0.7170, 0.2939, 3.4538

Previews

White Background



This preview shows how the XYZ color 60.4192, 76.0320, 14.7400 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 60.4192, 76.0320, 14.7400 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 60.4192, 76.0320, 14.7400

Background



This preview shows how black text looks on a background with the XYZ color 60.4192, 76.0320, 14.7400.



This preview shows how white text looks on a background with the XYZ color 60.4192, 76.0320,

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

60.4192, 76.0320, 14.7400

Protanopia

68.6238, 75.6853, 13.8976

Deuteranopia

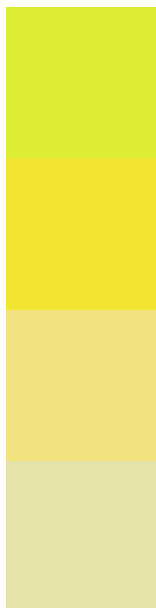
74.2796, 75.4250, 49.6732



Tritanopia

75.8811, 75.7188, 91.5047

Trichromacy



Original Color

60.4192, 76.0320, 14.7400

Protanomaly

65.4905, 75.7012, 14.1777

Deuteranomaly

67.7106, 74.8285, 31.2967

Tritanomaly

67.3579, 74.6634, 48.8916

Monochromacy



Original Color

60.4192, 76.0320, 14.7400

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

59.0745, 67.7824, 40.1068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4192, 76.0320, 14.7400 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(220, 237, 52)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 52)  
}
```

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(220, 237, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 52) }
```

Border

The CSS property to change the border of an element to XYZ 60.4192, 76.0320, 14.7400 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(220, 237, 52) }
```


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

```
.border{ border-color:rgb(220, 237, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 237, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 237, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 237, 52);  
box-shadow:4px 4px 4px 4px rgb(220, 237,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4192, 76.0320, 14.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 52) }
```

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

```
.background{ background-color: rgb(220,  
237, 52) }
```

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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