

Converting Colors

XYZ(61.1609, 71.6522, 40.3125)

Have a look what the booklet for
XYZ(61.1609, 71.6522, 40.3125)
contains.

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Color

**XYZ(61.1609, 71.6522,
40.3125)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E398
RGB	215, 227, 152
RGB Percent	84%, 89%, 60%
CMY	0.1569, 0.1098, 0.4039
CMYK	0.05, 0.00, 0.33, 0.11
HSL	70°, 57%, 74%
HSV	70°, 33%, 89%
XYZ	61.1609, 71.6522, 40.3125
YIQ	214.8620, 16.9230, -25.8690

Conversions

Conversions Part 2

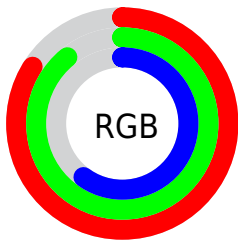
Format	Color
RYB	152, 227, 164
Decimal	14148504
CIELab	87.80, -15.75, 35.36
CIELCh	88, 38.705, 114.013
Yxy	71.6522, 0.3533, 0.4139
Android (android.graphics.Color)	4292338584 (0xFFD7E398)
YUV	214.8620, -30.9910, 0.1210
Hunter-Lab	84.6476, -19.1608, 31.0171

Details

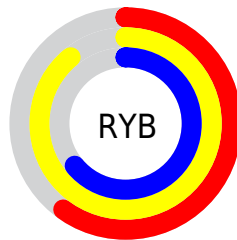
The XYZ color **61.1609, 71.6522, 40.3125** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4059, 35.8969, 77.4762**, and the grayscale version is **64.6945, 68.0637, 74.1214**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **31.3508, 37.7961, 17.6996** is the 20% darker color. If you saturate the color by 10%, you get **58.4223, 70.4373, 31.3908**, and if you desaturate by 10%, it is **64.2827, 73.0280, 51.1124**.

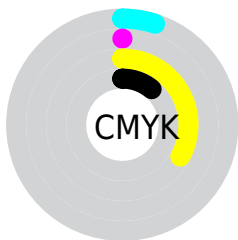
Distribution



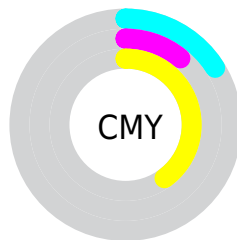
- Red (84%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1609, 71.6522, 40.3125 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 61.1609, 71.6522, 40.3125 by changing the saturation by 10% instead.

61.1609, 71.6522,
40.3125

61.1609, 71.6522,
40.3125

418.6302,
466.3301, 363.0301

44.6081, 52.8746,
27.4666

105.6087,
121.5619, 76.8814

31.3488, 37.7027,
17.6885

134.2343,
153.4628, 101.4416

21.0177, 25.7520,
10.5594

167.6149,
190.5070, 130.7436

13.2495, 16.6382,
5.6610

206.1159,
233.0788, 165.2060

7.6787, 9.9769,
2.5746

250.1025,
281.5626, 205.2473

3.9401, 5.3836,
0.8793


299.9402,

1.6683, 2.4741,


336.3428, 251.2860


0.0000


355.9943,
397.8039, 303.7408

 0.4363, 0.8636,
0.0000


 0.0000, 0.0000,
0.0000

 61.1609, 71.6522,
40.3125


 61.1609, 71.6522,
40.3125

 58.4223, 70.4373,
31.3908


 64.2827, 73.0280,
51.1124


 56.0410, 69.3656,
24.2354


 67.8011, 74.5628,
63.8846


 53.9961, 68.4312,
18.7298


 71.7356, 76.2668,
78.7225


 52.2624, 67.6239,
14.7414


 76.1027, 78.1465,
95.7121

 50.8107, 66.9321,
12.1174


 79.1797, 79.5131,
105.7821


 49.6057, 66.3417,
10.6731

 80.3794, 80.1316,
105.8382

 48.8736, 65.9749,
10.1585

 81.6037, 80.7627,
105.8955

 82.8526, 81.4066,
105.9540

 84.1265, 82.0633,
106.0136

Harmonies

Analogous

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



69.9633, 71.6522, 37.7266



61.1609, 71.6522, 40.3125



54.7796, 71.6522, 51.8935

Triad

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



61.1609, 71.6522, 40.3125



58.2368, 71.6522, 126.5607



87.2371, 71.6522, 83.4164

Complementary

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



61.1609, 71.6522, 40.3125



40.4059, 35.8969, 77.4762

Split Complementary

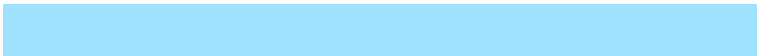
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4291, 71.6522, 111.7001



61.1609, 71.6522, 40.3125



66.2765, 71.6522, 139.9639

Square

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



61.1609, 71.6522, 40.3125



53.2007, 71.6522, 100.4823



75.5521, 71.6522, 133.9902



85.5574, 71.6522, 59.1777

Rectangle

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



61.1609, 71.6522, 40.3125



52.4862, 71.6522, 64.8900



75.5521, 71.6522, 133.9902



86.5464, 71.6522, 92.8049

Sweetspot

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



61.1627, 71.6554, 40.3140



89.7271, 97.6992, 88.6240



50.4901, 44.8831, 35.7090



19.0548, 20.8464, 18.4071



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.



61.1627, 71.6554, 40.3140



76.9962, 92.1139, 43.8586



51.5566, 66.7033, 39.8645



15.3632, 16.6943, 15.3170



28.5846, 38.5174, 5.9280



2.1733, 2.8777, 0.4409

Inverse Universe

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



40.4059, 35.8969, 77.4762



45.8736, 38.4736, 99.6161



49.1159, 40.3871, 77.8839



13.7966, 13.9974, 18.1189



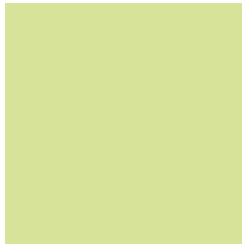
8.5809, 3.4895, 42.6044



0.6997, 0.2917, 3.1514

Previews

White Background



This preview shows how the XYZ color 61.1609, 71.6522, 40.3125 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 61.1609, 71.6522, 40.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

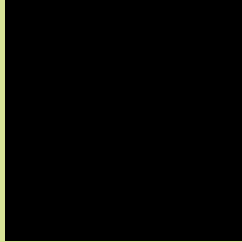
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

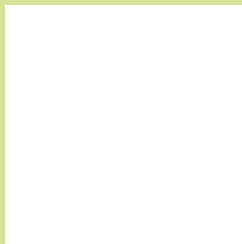
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1609, 71.6522, 40.3125

Background



This preview shows how black text looks on a background with the XYZ color 61.1609, 71.6522, 40.3125.



This preview shows how white text looks on a background with the XYZ color 61.1609, 71.6522,

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

61.1609, 71.6522, 40.3125

Protanopia

66.2779, 71.5335, 38.7479

Deuteranopia

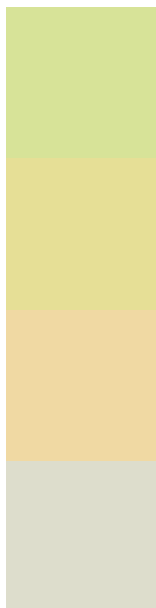
71.9449, 71.2115, 47.4894



Tritanopia

70.7155, 71.5738, 87.9299

Trichromacy



Original Color

61.1609, 71.6522, 40.3125

Protanomaly

64.5258, 71.8004, 39.3121

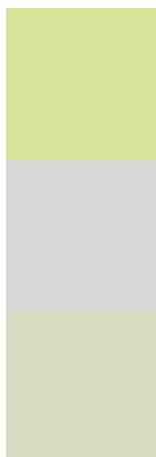
Deuteranomaly

67.3589, 70.7953, 44.7650

Tritanomaly

66.5743, 71.4447, 67.4081

Monochromacy



Original Color

61.1609, 71.6522, 40.3125

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.8703, 68.9159, 59.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1609, 71.6522, 40.3125 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(215, 227, 152)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 152)  
}
```

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(215, 227, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 152) }
```

Border

The CSS property to change the border of an element to XYZ 61.1609, 71.6522, 40.3125 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(215, 227, 152) }
```


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

```
.border{ border-color:rgb(215, 227, 152) }
```

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

Here you see how a box with a 4 pixel rgb(215, 227, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 152);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1609, 71.6522, 40.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 152) }
```

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

```
.background{ background-color: rgb(215,  
227, 152) }
```

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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