

Converting Colors

XYZ(62.0613, 61.1914, 14.1460)

Have a look what the booklet for
XYZ(62.0613, 61.1914, 14.1460)
contains.

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Color

**XYZ(62.0541, 61.1695,
14.1665)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC445
RGB	255, 196, 69
RGB Percent	100%, 77%, 27%
CMY	0.0000, 0.2313, 0.7294
CMYK	0.00, 0.23, 0.73, 0.00
HSL	41°, 100%, 64%
HSV	41°, 73%, 100%
XYZ	62.0541, 61.1695, 14.1665
YIQ	199.1630, 75.9310, -26.9890

Conversions

Conversions Part 2

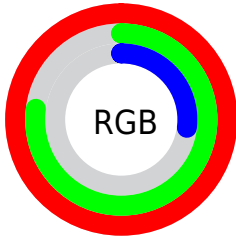
Format	Color
R_{YB}	155, 255, 69
Decimal	16761925
CIE _{Lab}	82.47, 9.32, 68.43
CIE _{LCh}	82, 69.063, 82.245
Yxy	61.1695, 0.4517, 0.4452
Android (android.graphics.Color)	4294952005 (0xFFFFC445)
YUV	199.1630, -64.1704, 48.9690
Hunter-Lab	78.2109, 4.7563, 44.0083

Details

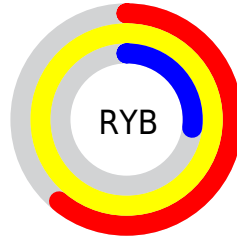
The XYZ color **62.0541, 61.1695, 14.1665** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **28.2231, 23.9227, 97.7372**, and the grayscale version is **54.7356, 57.5861, 62.7112**.

A 20% lighter version of the original color is **79.6885, 92.3360, 32.6914**, and **32.0706, 31.1143, 4.3153** is the 20% darker color. If you saturate the color by 10%, you get **59.6510, 57.3698, 10.2638**, and if you desaturate by 10%, it is **64.8982, 65.3078, 19.8938**.

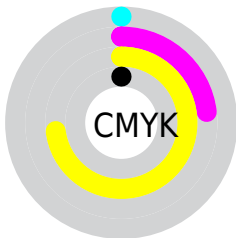
Distribution



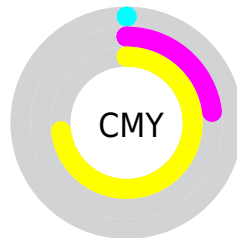
- Red (100%)
- Green (77%)
- Blue (27%)



- Red (61%)
- Yellow (100%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0541, 61.1695, 14.1665 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 62.0541, 61.1695, 14.1665 by changing the saturation by 10% instead.


 62.0541, 61.1695,
14.1665

 62.0541, 61.1695,
14.1665


421.8428,
428.8952, 229.7285

 45.3322, 44.3620,
8.0965


 106.8932,
106.5243, 34.1055


 31.9215, 30.9552,
4.0681

 135.7411,
135.8404, 48.8116


 21.4568, 20.5647,
1.6628


 169.3617,
170.0948, 67.2335

 13.5727, 12.8062,
0.3350

 208.1204,
209.6719, 89.7897

 7.9038, 7.2952,
0.0000

 252.3825,
254.9561, 116.8988

 4.0847, 3.6474,
0.0000

302.5134,

 1.7502, 1.4784,

306.3318, 148.9792

0.0000

358.8783,
364.1834, 186.4496

■ 0.4874, 0.2734,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0541, 61.1695,
14.1665

■ 62.0541, 61.1695,
14.1665

■ 59.6510, 57.3698,
10.2638

■ 64.8982, 65.3078,
19.8938

■ 57.6361, 53.8779,
7.9342

■ 68.2193, 69.7943,
27.6467

■ 56.3991, 51.5786,
6.9831

■ 72.0537, 74.6482,
37.6031

■ 76.4328, 79.8844,
49.9208

■ 81.3850, 85.5165,
64.7425

■ 86.9366, 91.5572,
82.2000

■ 93.1121, 98.0184,
102.4156

■ 95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



77.3058, 61.1695, 20.7925



62.0541, 61.1695, 14.1665



48.0439, 61.1695, 16.1425

Triad

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



62.0541, 61.1695, 14.1665



35.6288, 61.1695, 102.3554



83.5893, 61.1695, 129.7950

Complementary

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



62.0541, 61.1695, 14.1665



28.2231, 23.9227, 97.7372

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.



69.5593, 61.1695, 173.7154



62.0541, 61.1695, 14.1665



42.4363, 61.1695, 153.7514

Square

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



62.0541, 61.1695, 14.1665



34.3087, 61.1695, 56.2264



54.3936, 61.1695, 183.9646



91.0388, 61.1695, 78.1840

Rectangle

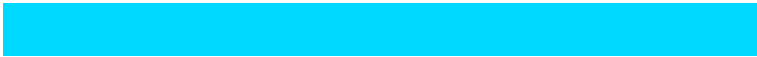
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0541, 61.1695, 14.1665



41.0704, 61.1695, 22.7336



54.3936, 61.1695, 183.9646



79.3838, 61.1695, 146.7119

Sweetspot

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



62.0555, 61.1725, 14.1677



81.8812, 86.0670, 66.2690



47.4650, 27.1554, 24.2134



17.2228, 18.0842, 13.2551



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.



62.0555, 61.1725, 14.1677



58.5866, 55.5658, 8.9063



67.5746, 87.7966, 19.0158



19.0469, 20.0619, 19.0128



29.6102, 27.2317, 3.6956



2.9814, 2.8482, 0.3926

Inverse Universe

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



28.2231, 23.9227, 97.7372



23.3322, 16.9634, 96.6523



25.4341, 14.1862, 96.0048



17.4732, 18.3179, 22.8647



11.0821, 7.0738, 50.2159



1.1724, 0.8754, 4.9205

Previews

White Background



This preview shows how the XYZ color 62.0541, 61.1695, 14.1665 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 62.0541, 61.1695, 14.1665 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 62.0541, 61.1695, 14.1665

Background



This preview shows how black text looks on a background with the XYZ color 62.0541, 61.1695, 14.1665.



This preview shows how white text looks on a background with the XYZ color 62.0541, 61.1695,

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

62.0541, 61.1695, 14.1665

Protanopia

55.8741, 61.4335, 15.0439

Deuteranopia

62.4651, 61.3339, 16.3309



Tritanopia

69.3191, 60.9242, 62.1389

Trichromacy



Original Color

62.0541, 61.1695, 14.1665

Protanomaly

57.8545, 61.0467, 14.6952

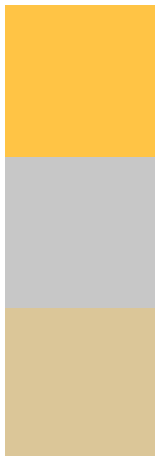
Deuteranomaly

62.3195, 61.2757, 15.5640

Tritanomaly

65.3210, 60.3539, 37.9124

Monochromacy



Original Color

62.0541, 61.1695, 14.1665

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0750, 57.7152, 37.9432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0541, 61.1695, 14.1665 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(255, 196, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 69)  
}
```

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(255, 196, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 69) }
```

Border

The CSS property to change the border of an element to XYZ 62.0541, 61.1695, 14.1665 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(255, 196, 69) }
```


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

```
.border{ border-color:rgb(255, 196, 69) }
```

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

Here you see how a box with a 4 pixel rgb(255, 196, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0541, 61.1695, 14.1665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 69) }
```

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

```
.background{ background-color: rgb(255,  
196, 69) }
```

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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