

Converting Colors

XYZ(61.4271, 61.3811, 9.4402)

Have a look what the booklet for
XYZ(61.4271, 61.3811, 9.4402)
contains.

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Color

**XYZ(61.3609, 61.2544,
9.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC517
RGB	255, 197, 23
RGB Percent	100%, 77%, 9%
CMY	0.0000, 0.2274, 0.9098
CMYK	0.00, 0.23, 0.91, 0.00
HSL	45°, 100%, 55%
HSV	45°, 91%, 100%
XYZ	61.3609, 61.2544, 9.3998
YIQ	194.5060, 90.4220, -41.8180

Conversions

Conversions Part 2

Format	Color
R _Y B	100, 255, 23
Decimal	16762135
CIE Lab	82.52, 7.50, 81.46
CIE LCh	83, 81.806, 84.739
Yxy	61.2544, 0.4648, 0.4640
Android (android.graphics.Color)	4294952215 (0xFFFFC517)
YUV	194.5060, -84.5525, 53.0532
Hunter-Lab	78.2652, 2.9822, 47.6648

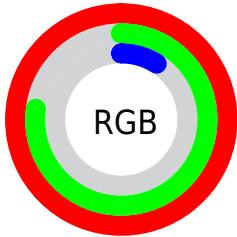
Details

The XYZ color **61.3609, 61.2544, 9.3998** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **21.3462, 13.2877, 96.0466**, and the grayscale version is **52.0292, 54.7388, 59.6105**.

A 20% lighter version of the original color is **78.3411, 92.3009, 24.0428**, and **31.9656, 31.2840, 4.3536** is the 20% darker color. If you saturate the color by 10%, you get **59.9260, 58.6325, 8.1588**, and if you desaturate by 10%, it is **63.2299, 64.3698, 11.9441**.

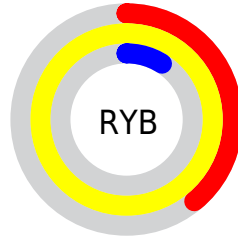
Distribution



Red (100%)

Green (77%)

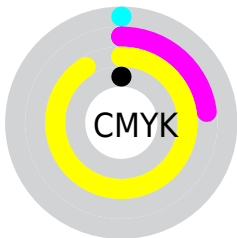
Blue (9%)



Red (39%)

Yellow (100%)

Blue (9%)

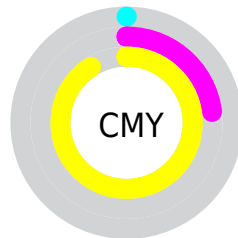


Cyan (0%)

Magenta (23%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3609, 61.2544, 9.3998 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 61.3609, 61.2544, 9.3998 by changing the saturation by 10% instead.

61.3609, 61.2544,
9.3998

61.3609, 61.2544,
9.3998

419.3508,
429.2062, 196.6596

44.7701, 44.4305,
4.9025

105.8965,
106.6472, 25.2502

31.4769, 31.0091,
2.1324

134.5720,
135.9849, 37.4404

21.1159, 20.6058,
0.6350

168.0065,
170.2627, 53.0320

13.3217, 12.8361,
0.0000

206.5653,
209.8649, 72.4435

7.7290, 7.3158,
0.0000

250.6138,
255.1759, 96.0935

3.9723, 3.6604,
0.0000

300.5173,

1.6865, 1.4855,

306.5802, 124.4005

0.0000

356.6412,
364.4622, 157.7830

■ 0.4478, 0.2785,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3609, 61.2544,
9.3998

■ 61.3609, 61.2544,
9.3998

■ 59.9260, 58.6325,
8.1588

■ 63.2299, 64.3698,
11.9441

■ 65.4625, 67.7272,
16.1031

■ 68.1056, 71.3491,
22.1153

■ 71.1976, 75.2519,
30.1786

■ 74.7719, 79.4502,
40.4652

■ 78.8583, 83.9570,
53.1294

■ 83.4841, 88.7842,
68.3114

■ 88.6746, 93.9430,
86.1405

94.4531, 99.4438,
106.7373

Harmonies

Analogous

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



79.8867, 61.2544, 14.8972



61.3609, 61.2544, 9.3998



45.2440, 61.2544, 11.8751

Triad

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



61.3609, 61.2544, 9.3998



32.6953, 61.2544, 115.6971



90.2439, 61.2544, 139.2315

Complementary

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



61.3609, 61.2544, 9.3998



21.3462, 13.2877, 96.0466

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.



73.4674, 61.2544, 198.0857



61.3609, 61.2544, 9.3998



40.8753, 61.2544, 180.3822

Square

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



61.3609, 61.2544, 9.3998



30.7305, 61.2544, 58.2432



55.1891, 61.2544, 216.0365



98.5662, 61.2544, 75.9286

Rectangle

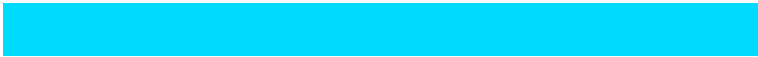
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3609, 61.2544, 9.3998



37.6026, 61.2544, 18.9913



55.1891, 61.2544, 216.0365



85.2616, 61.2544, 161.2363

Sweetspot

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



61.3623, 61.2574, 9.4010



80.6320, 85.8378, 58.8566



43.0318, 22.4673, 9.8549



16.9315, 18.0265, 11.5398



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.



61.3623, 61.2574, 9.4010



59.9265, 58.6330, 8.1588



58.9410, 83.4519, 13.8126



19.1541, 20.2764, 19.0485



31.4376, 30.8865, 4.3048



3.1475, 3.1803, 0.4480

Inverse Universe

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



21.3462, 13.2877, 96.0466



19.8690, 10.8581, 95.6563



21.7506, 9.5829, 95.3102



17.3719, 18.1154, 22.8310



10.4807, 5.8709, 50.0154



1.1027, 0.7360, 4.8972

Previews

White Background



This preview shows how the XYZ color 61.3609, 61.2544, 9.3998 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 61.3609, 61.2544, 9.3998 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 61.3609, 61.2544, 9.3998

Background



This preview shows how black text looks on a background with the XYZ color 61.3609, 61.2544, 9.3998.



This preview shows how white text looks on a background with the XYZ color 61.3609, 61.2544,

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

61.3609, 61.2544, 9.3998

Protanopia

55.5365, 61.3730, 9.8964

Deuteranopia

62.2499, 61.2479, 15.1977



Tritanopia

69.5320, 61.3500, 62.2098

Trichromacy



Original Color

61.3609, 61.2544, 9.3998

Protanomaly

57.4666, 61.3073, 9.7244

Deuteranomaly

61.6937, 61.0254, 12.2688

Tritanomaly

64.2440, 60.2709, 31.1691

Monochromacy



Original Color

61.3609, 61.2544, 9.3998

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5201, 55.8975, 29.8510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3609, 61.2544, 9.3998 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, 197, 23)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 23)  
}
```

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, 197, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 23) }
```

Border

The CSS property to change the border of an element to XYZ 61.3609, 61.2544, 9.3998 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, 197, 23) }
```


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

```
.border{ border-color:rgb(255, 197, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 23);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3609, 61.2544, 9.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 23) }
```

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

```
.background{ background-color: rgb(255,  
197, 23) }
```

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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