

Converting Colors

XYZ(74.6959, 87.9497, 13.7664)

Have a look what the booklet for
XYZ(74.6959, 87.9497, 13.7664)
contains.

XYZ(74.6361, 87.8357, 13.7297)	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(74.6361, 87.8357,
13.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF715
RGB	255, 247, 21
RGB Percent	100%, 97%, 8%
CMY	0.0000, 0.0313, 0.9176
CMYK	0.00, 0.03, 0.92, 0.00
HSL	58°, 100%, 54%
HSV	58°, 92%, 100%
XYZ	74.6361, 87.8357, 13.7297
YIQ	223.6280, 77.3140, -68.5900

Conversions

Conversions Part 2

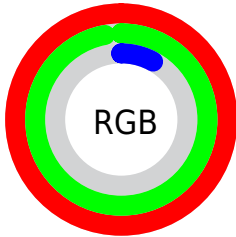
Format	Color
R_{YB}	29, 255, 21
Decimal	16774933
CIE _{Lab}	95.09, -17.55, 91.25
CIE _{LCh}	95, 92.919, 100.890
Yxy	87.8357, 0.4236, 0.4985
Android (android.graphics.Color)	4294965013 (0xFFFFFFFF715)
YUV	223.6280, -99.8956, 27.5132
Hunter-Lab	93.7207, -21.8597, 56.9187

Details

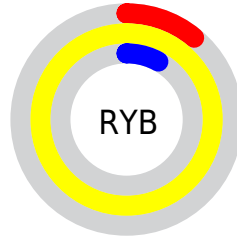
The XYZ color **74.6361, 87.8357, 13.7297** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **18.7993, 8.2590, 95.2102**, and the grayscale version is **71.2415, 74.9516, 81.6223**.

A 20% lighter version of the original color is **79.3003, 93.7001, 25.9630**, and **40.8789, 48.7309, 7.2515** is the 20% darker color. If you saturate the color by 10%, you get **74.2833, 87.3473, 12.9446**, and if you desaturate by 10%, it is **75.2730, 88.5210, 15.7580**.

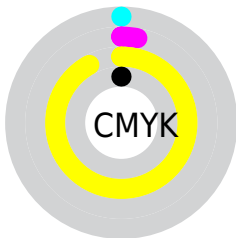
Distribution



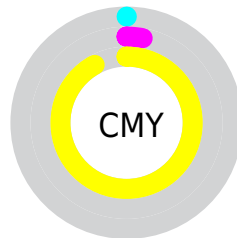
- Red (100%)
- Green (97%)
- Blue (8%)



- Red (11%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (3%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6361, 87.8357, 13.7297 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 74.6361, 87.8357, 13.7297 by changing the saturation by 10% instead.


 74.6361, 87.8357,
13.7297

 74.6361, 87.8357,
13.7297


465.6823,
520.9650, 226.9124

 55.6079, 66.1870,
7.7963


 124.7878,
144.3284, 33.3188

 40.1244, 48.4242,
3.8790


 156.6420,
179.9412, 47.8117


 27.8202, 34.1630,
1.5592

 193.5023,
220.9775, 65.9947

 18.3299, 23.0188,
0.2615

 235.7340,
267.8216, 88.2866

 11.2883, 14.6074,
0.0000

 283.7026,
320.8581, 115.1057

 6.3298, 8.5443,
0.0000

337.7732,

 3.0892, 4.4452,

380.4712, 146.8707

0.0000

398.3114,
447.0454, 184.0001

■ 1.2011, 1.9256,
0.0000

■ 0.1072, 0.5637,
0.0000

■ 74.6361, 87.8357,
13.7297

■ 74.6361, 87.8357,
13.7297

■ 74.2833, 87.3473,
12.9446

■ 75.2730, 88.5210,
15.7580

■ 76.2082, 89.3243,
19.3594

■ 77.4894, 90.2679,
24.7766

■ 79.1545, 91.3672,
32.2098

■ 81.2367, 92.6352,
41.8327

■ 83.7653, 94.0839,
53.8005

■ 86.7672, 95.7238,
68.2542

■ 90.2670, 97.5650,
85.3237

■ 94.2877, 99.6165,
105.1300

Harmonies

Analogous

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



100.4287, 87.8357, 15.1948



74.6361, 87.8357, 13.7297



55.5410, 87.8357, 24.2873

Triad

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



74.6361, 87.8357, 13.7297



51.8706, 87.8357, 218.7491



138.3423, 87.8357, 148.8275

Complementary

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



74.6361, 87.8357, 13.7297



18.7993, 8.2590, 95.2102

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.



119.5118, 87.8357, 244.1677



74.6361, 87.8357, 13.7297



68.5633, 87.8357, 296.6542

Square

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



74.6361, 87.8357, 13.7297



44.2763, 87.8357, 124.4171



93.0075, 87.8357, 307.7742



140.8828, 87.8357, 71.6791

Rectangle

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



74.6361, 87.8357, 13.7297



47.8155, 87.8357, 42.6477



93.0075, 87.8357, 307.7742



133.5526, 87.8357, 180.5910

Sweetspot

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



74.6381, 87.8398, 13.7315



84.8367, 94.6777, 58.9311



41.7788, 21.9052, 3.4446



17.8965, 20.1196, 11.3586



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.



74.6381, 87.8398, 13.7315



74.2840, 87.3481, 12.9447



48.4195, 78.0301, 13.2199



19.5049, 20.9780, 19.1655



38.8387, 45.6886, 6.7718



3.7976, 4.4806, 0.6647

Inverse Universe

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



18.7993, 8.2590, 95.2102



18.1445, 7.4091, 95.0815



26.9686, 12.2164, 95.5435



17.0527, 17.4771, 22.7246



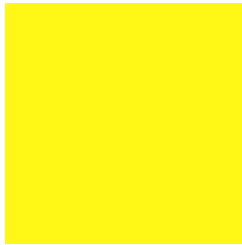
9.5024, 3.9144, 49.6893



0.9419, 0.4146, 4.8437

Previews

White Background



This preview shows how the XYZ color 74.6361, 87.8357, 13.7297 looks on a white background.

Color Contrast Check

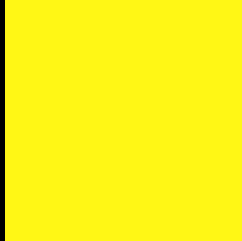
Large Text (above 18pt) WCAG AA × Fail

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 74.6361, 87.8357, 13.7297 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 74.6361, 87.8357, 13.7297

Background



This preview shows how black text looks on a background with the XYZ color 74.6361, 87.8357, 13.7297.



This preview shows how white text looks on a background with the XYZ color 74.6361, 87.8357,

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

74.6361, 87.8357, 13.7297



Protanopia

81.3470, 87.6313, 57.9745



Deuteranopia

84.4694, 87.4710, 78.7612



Tritanopia

87.5646, 87.7826, 97.9165

Trichromacy



Original Color

74.6361, 87.8357, 13.7297



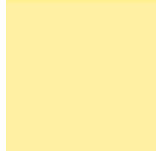
Protanomaly

76.9923, 86.8419, 32.1063



Deuteranomaly

77.8836, 86.2459, 39.7364



Tritanomaly

79.0109, 86.2245, 47.1290

Monochromacy



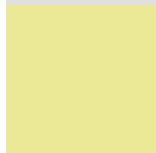
Original Color

74.6361, 87.8357, 13.7297



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.6226, 77.5774, 40.2113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6361, 87.8357, 13.7297 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, 247, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 21)  
}
```

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, 247, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 21) }
```

Border

The CSS property to change the border of an element to XYZ 74.6361, 87.8357, 13.7297 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, 247, 21) }
```


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

```
.border{ border-color:rgb(255, 247, 21) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6361, 87.8357, 13.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 21) }
```

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

```
.background{ background-color: rgb(255,  
247, 21) }
```

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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