

Converting Colors

XYZ(41.0144, 44.3984, 73.3576)

Have a look what the booklet for
XYZ(41.0144, 44.3984, 73.3576)
contains.

XYZ(41.0157, 44.4997, 73.4454)	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(41.0157, 44.4997,
73.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	90B6DB
RGB	144, 182, 219
RGB Percent	56%, 71%, 86%
CMY	0.4353, 0.2863, 0.1412
CMYK	0.34, 0.17, 0.00, 0.14
HSL	210°, 51%, 71%
HSV	210°, 34%, 86%
XYZ	41.0157, 44.4997, 73.4454
YIQ	174.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

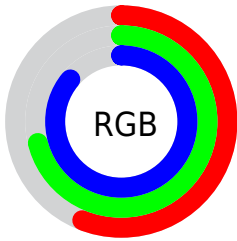
Format	Color
RYB	144, 169, 219
Decimal	9483995
CIELab	72.56, -3.89, -22.71
CIELCh	73, 23.040, 260.280
Yxy	44.4997, 0.2580, 0.2799
Android (android.graphics.Color)	4287674075 (0xFF90B6DB)
YUV	174.8560, 21.7630, -27.0607
Hunter-Lab	66.7081, -6.9878, -18.5824

Details

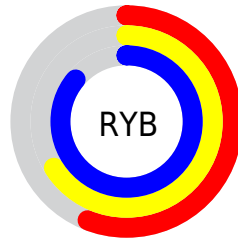
The XYZ color **41.0157, 44.4997, 73.4454** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.7720, 50.1219, 33.3852**, and the grayscale version is **40.5781, 42.6913, 46.4909**.

A 20% lighter version of the original color is **72.4440, 80.6484, 106.3562**, and **18.8655, 20.6050, 38.1048** is the 20% darker color. If you saturate the color by 10%, you get **35.4276, 38.4610, 72.5751**, and if you desaturate by 10%, it is **47.5193, 51.2658, 74.4094**.

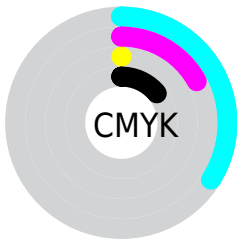
Distribution



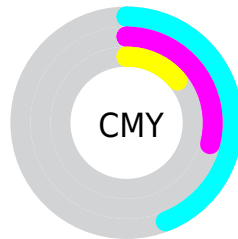
- Red (56%)
- Green (71%)
- Blue (86%)



- Red (56%)
- Yellow (66%)
- Blue (86%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (44%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0157, 44.4997, 73.4454 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 41.0157, 44.4997, 73.4454 by changing the saturation by 10% instead.

■ 41.0157, 44.4997,
73.4454

■ 41.0157, 44.4997,
73.4454

341.4477,
364.7435, 491.6692

■ 28.5191, 31.0635,
53.8462

■ 75.9823, 81.9691,
125.8361

■ 18.8598, 20.6472,
38.0864

■ 99.1830, 106.7712,
159.4646

■ 11.6724, 12.8664,
25.7474

126.6824,
136.1307, 198.6067

■ 6.5916, 7.3366,
16.4107

158.8458,
170.4321, 243.6809

■ 3.2521, 3.6735,
9.6577

196.0388,
210.0596, 295.1057

■ 1.2884, 1.4926,
5.0700

238.6265,

■ 0.1745, 0.2835,

255.3978, 353.2996

2.2289

286.9743,
306.8310, 418.6813

■ 0.0000, 0.0000,
0.6910

■ 0.0000, 0.0000,
0.0000

■ 41.0157, 44.4997,
73.4454

■ 41.0157, 44.4997,
73.4454

■ 35.4276, 38.4610,
72.5751

■ 47.5193, 51.2658,
74.4094

■ 30.7039, 33.1147,
71.7921

■ 54.9774, 58.7818,
75.4670

■ 26.7945, 28.4300,
71.0939

■ 63.4318, 67.0758,
76.6223

■ 23.6419, 24.3711,
70.4767

■ 72.9206, 76.1724,
77.8780

■ 21.1800, 20.8978,
69.9360

■ 83.4796, 86.0952,
79.2368

■ 19.3290, 17.9621,
69.4669

■ 87.2337, 92.7892,
80.3310

■ 18.4670, 16.4758,
69.2255

■ 89.7863, 97.8945,
81.1819

Harmonies

Analogous

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



37.5879, 44.4997, 67.3567



41.0157, 44.4997, 73.4454



45.0060, 44.4997, 72.0755

Triad

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



41.0157, 44.4997, 73.4454



49.8937, 44.4997, 41.2412



36.6742, 44.4997, 35.7445

Complementary

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



41.0157, 44.4997, 73.4454



50.7720, 50.1219, 33.3852

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.



39.6964, 44.4997, 30.6536



41.0157, 44.4997, 73.4454



47.3809, 44.4997, 33.4645

Square

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



41.0157, 44.4997, 73.4454



50.3021, 44.4997, 52.2510



43.6019, 44.4997, 29.8901



35.1873, 44.4997, 44.8429

Rectangle

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



41.0157, 44.4997, 73.4454



47.4426, 44.4997, 67.1855



43.6019, 44.4997, 29.8901



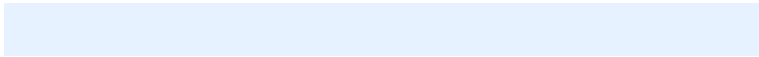
37.5350, 44.4997, 33.5721

Sweetspot

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



41.0171, 44.5014, 73.4464



82.4003, 87.7153, 107.1955



45.0979, 59.8988, 52.4995



17.2817, 18.4247, 22.8954



0.0000, 0.0000, 0.0000



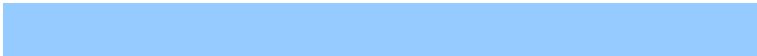
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0171, 44.5014, 73.4464



52.1669, 56.6593, 102.7946



34.4525, 31.3723, 71.2582



12.8813, 13.7023, 16.6180



11.0598, 9.9890, 41.0836



0.8027, 0.8195, 2.6903

Inverse Universe

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



47.6313, 38.3852, 49.1565



63.0484, 47.5486, 62.6201



59.2550, 67.0878, 36.2129



13.3299, 13.1611, 14.9987



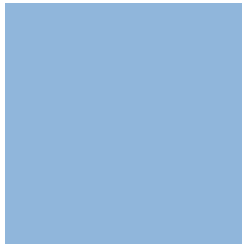
19.0778, 9.6322, 10.0557



1.2795, 0.6414, 0.8805

Previews

White Background



This preview shows how the XYZ color 41.0157, 44.4997, 73.4454 looks on a white background.

Color Contrast Check

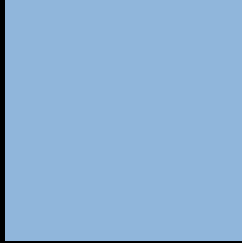
Large Text (above 18pt) WCAG AA × Fail

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 41.0157, 44.4997, 73.4454 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 41.0157, 44.4997, 73.4454

Background



This preview shows how black text looks on a background with the XYZ color 41.0157, 44.4997, 73.4454.



This preview shows how white text looks on a background with the XYZ color 41.0157, 44.4997,

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

41.0157, 44.4997, 73.4454

Protanopia

44.1533, 44.3920, 70.5314

Deuteranopia

45.4208, 44.3768, 74.5783



Tritanopia

38.5895, 44.4435, 61.1882

Trichromacy



Original Color

41.0157, 44.4997, 73.4454

Protanomaly

42.8123, 44.2722, 71.2547

Deuteranomaly

43.5407, 44.2930, 73.9647

Tritanomaly

39.3875, 44.4487, 65.5350

Monochromacy



Original Color

41.0157, 44.4997, 73.4454

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6342, 43.4949, 55.5439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0157, 44.4997, 73.4454 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(144, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(144, 182, 219)  
}
```

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(144, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 182, 219) }
```

Border

The CSS property to change the border of an element to XYZ 41.0157, 44.4997, 73.4454 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(144, 182, 219) }
```


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

```
.border{ border-color:rgb(144, 182, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(144, 182,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0157, 44.4997, 73.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 182, 219) }
```

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

```
.background{ background-color: rgb(144,  
182, 219) }
```

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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