

Converting Colors

XYZ(37.9208, 54.2532, 44.7121)

Have a look what the booklet for
XYZ(37.9208, 54.2532, 44.7121)
contains.

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Color

**XYZ(37.7474, 53.9865,
44.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	73D5A6
RGB	115, 213, 166
RGB Percent	45%, 84%, 65%
CMY	0.5490, 0.1647, 0.3490
CMYK	0.46, 0.00, 0.22, 0.16
HSL	151°, 54%, 64%
HSV	151°, 46%, 84%
XYZ	37.7474, 53.9865, 44.5073
YIQ	178.3400, -43.3210, -35.3930

Conversions

Conversions Part 2

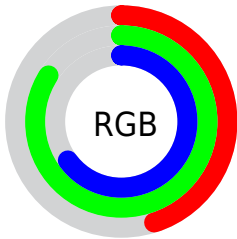
Format	Color
RYB	115, 179, 213
Decimal	7591334
CIELab	78.45, -39.60, 14.42
CIELCh	78, 42.148, 159.991
Yxy	53.9865, 0.2771, 0.3963
Android (android.graphics.Color)	4285781414 (0xFF73D5A6)
YUV	178.3400, -6.0836, -55.5492
Hunter-Lab	73.4755, -36.8793, 15.5183

Details

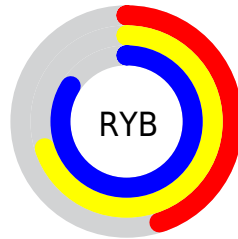
The XYZ color **37.7474, 53.9865, 44.5073** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.0947, 29.0175, 37.6722**, and the grayscale version is **42.5458, 44.7615, 48.7453**.

A 20% lighter version of the original color is **65.6057, 85.3984, 81.4324**, and **17.0090, 26.5682, 20.1513** is the 20% darker color. If you saturate the color by 10%, you get **34.3634, 52.3475, 39.6505**, and if you desaturate by 10%, it is **41.8558, 55.9933, 49.7890**.

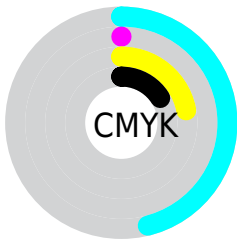
Distribution



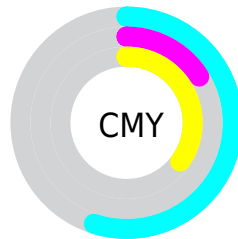
- Red (45%)
- Green (84%)
- Blue (65%)



- Red (45%)
- Yellow (70%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (55%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7474, 53.9865, 44.5073 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 37.7474, 53.9865, 44.5073 by changing the saturation by 10% instead.

■ 37.7474, 53.9865,
44.5073

■ 37.7474, 53.9865,
44.5073

327.8348,
402.0585, 380.8762

■ 25.9630, 38.5909,
30.7294

■ 71.0272, 96.0544,
83.2912

■ 16.9285, 26.4416,
20.1362

■ 93.2533, 123.4955,
109.1342

■ 10.2785, 17.1543,
12.3090

■ 119.6908,
155.7205, 139.8361

■ 5.6477, 10.3446,
6.8294

150.7048,
193.1139, 175.8152

■ 2.6707, 5.6280,
3.2788

186.6609,
236.0600, 217.4903

■ 0.9821, 2.6202,
1.2387

227.9244,

■ 0.0000, 0.9368,

284.9432, 265.2798

0.0107

274.8605,
340.1479, 319.6023

■ 0.0000, 0.0000,
0.0000

■ 37.7474, 53.9865,
44.5073

■ 37.7474, 53.9865,
44.5073

■ 34.3634, 52.3475,
39.6505

■ 41.8558, 55.9933,
49.7890

■ 31.6527, 51.0456,
35.2037

■ 46.7269, 58.3830,
55.5026

■ 29.5637, 50.0562,
31.1564


■ 52.4012, 61.1778,
61.6594


■ 28.0354, 49.3477,
27.4959


■ 58.9151, 64.3963,
68.2695


■ 26.9917, 48.8813,
24.2088


■ 66.3027, 68.0558,
75.3423

 26.6560, 48.7348,
22.9964

 74.5961, 72.1728,
82.8869

 80.3963, 74.9949,
90.7519

 81.9363, 75.6109,
98.8618

 83.0852, 76.0705,
104.9117

Harmonies

Analogous

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



41.7370, 53.9865, 30.2898



37.7474, 53.9865, 44.5073



37.1635, 53.9865, 67.0613

Triad

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



37.7474, 53.9865, 44.5073



54.1274, 53.9865, 116.1616



64.5163, 53.9865, 34.0585

Complementary

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



37.7474, 53.9865, 44.5073



40.0947, 29.0175, 37.6722

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.



68.6620, 53.9865, 51.2140



37.7474, 53.9865, 44.5073



62.2510, 53.9865, 101.1420

Square

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



37.7474, 53.9865, 44.5073



46.0504, 53.9865, 112.9433



67.7911, 53.9865, 75.8230



56.9610, 53.9865, 25.4801

Rectangle

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



37.7474, 53.9865, 44.5073



38.7104, 53.9865, 84.6752



67.7911, 53.9865, 75.8230



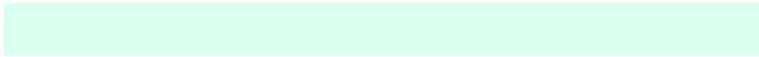
66.3899, 53.9865, 38.7921

Sweetspot

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



37.7489, 53.9887, 44.5085



80.4785, 92.7925, 94.4641



41.8654, 56.5485, 24.9288



16.7942, 19.6485, 19.7693



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.



37.7489, 53.9887, 44.5085



51.8460, 78.7673, 59.8985



42.4677, 55.2221, 71.3740



12.5296, 14.0028, 14.6033



16.3340, 29.7889, 14.3202



1.0269, 1.8134, 1.0835

Inverse Universe

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



40.0947, 29.0175, 37.6722



55.7873, 36.8425, 48.4349



36.8553, 28.0224, 19.6867



12.6688, 12.5190, 14.1963



18.2827, 9.2494, 8.7925



1.1444, 0.5746, 0.7499

Previews

White Background



This preview shows how the XYZ color 37.7474, 53.9865, 44.5073 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 37.7474, 53.9865, 44.5073 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 37.7474, 53.9865, 44.5073

Background



This preview shows how black text looks on a background with the XYZ color 37.7474, 53.9865, 44.5073.



This preview shows how white text looks on a background with the XYZ color 37.7474, 53.9865,

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

37.7474, 53.9865, 44.5073

Protanopia

50.2476, 53.5194, 39.1344

Deuteranopia

54.2187, 53.1564, 46.4323



Tritanopia

44.0694, 53.6037, 77.1311

Trichromacy



Original Color

37.7474, 53.9865, 44.5073



Protanomaly

44.0127, 52.6173, 41.0941



Deuteranomaly

46.0517, 52.2059, 45.6798



Tritanomaly

41.5287, 53.6611, 64.0459

Monochromacy



Original Color

37.7474, 53.9865, 44.5073



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.7884, 47.2862, 47.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7474, 53.9865, 44.5073 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(115, 213, 166)` looks like.

```
.text, #text, p{  
    color:rgb(115, 213, 166)  
}
```

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(115, 213, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 213, 166) }
```

Border

The CSS property to change the border of an element to XYZ 37.7474, 53.9865, 44.5073 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(115, 213, 166) }
```


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

```
.border{ border-color:rgb(115, 213, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 213, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 213, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 213, 166); box-shadow:4px 4px 4px 4px rgb(115, 213, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7474, 53.9865, 44.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 213, 166) }
```

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

```
.background{ background-color: rgb(115,  
213, 166) }
```

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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