

Converting Colors

XYZ(52.7011, 53.8291, 73.8769)

Have a look what the booklet for
XYZ(52.7011, 53.8291, 73.8769)
contains.

XYZ(52.7397, 53.7084, 73.9167)	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(52.7397, 53.7084,
73.9167)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC0DA
RGB	190, 192, 218
RGB Percent	75%, 75%, 85%
CMY	0.2549, 0.2470, 0.1451
CMYK	0.13, 0.12, 0.00, 0.15
HSL	236°, 27%, 80%
HSV	236°, 13%, 85%
XYZ	52.7397, 53.7084, 73.9167
YIQ	194.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

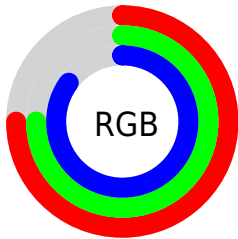
Format	Color
R_{YB}	190, 192, 218
Decimal	12501210
CIE _{Lab}	78.29, 4.44, -13.20
CIE _{LCh}	78, 13.930, 288.587
Yxy	53.7084, 0.2924, 0.2978
Android (android.graphics.Color)	4290691290 (0xFFBEC0DA)
YUV	194.3660, 11.6516, -3.8290
Hunter-Lab	73.2860, 0.2056, -8.5000

Details

The XYZ color **52.7397, 53.7084, 73.9167** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.7637, 67.7343, 58.4823**, and the grayscale version is **51.4334, 54.1120, 58.9279**.

A 20% lighter version of the original color is **89.6234, 93.9476, 108.0178**, and **25.9968, 26.3438, 38.3650** is the 20% darker color. If you saturate the color by 10%, you get **43.5540, 42.8242, 72.3008**, and if you desaturate by 10%, it is **63.3542, 66.2394, 75.7768**.

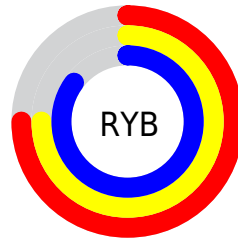
Distribution



Red (75%)

Green (75%)

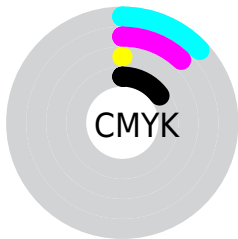
Blue (85%)



Red (75%)

Yellow (75%)

Blue (85%)

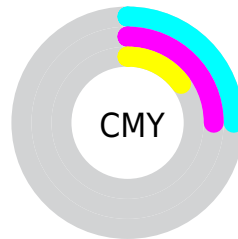


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7397, 53.7084, 73.9167 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 52.7397, 53.7084, 73.9167 by changing the saturation by 10% instead.

■ 52.7397, 53.7084,
73.9167

■ 52.7397, 53.7084,
73.9167

387.5629,
400.9971, 493.3415

■ 37.8217, 38.3686,
54.2295

■ 93.3890, 95.6460,
126.5107

■ 26.0209, 26.2689,
38.3907

119.8510,
123.0125, 160.2545

■ 16.9720, 17.0249,
25.9819

150.8917,
155.1567, 199.5210

■ 10.3097, 10.2522,
16.5845

186.8764,
192.4630, 244.7286

■ 5.6686, 5.5665,
9.7799

228.1705,
235.3158, 296.2959

■ 2.6834, 2.5833,
5.1496

275.1394,

■ 0.9886, 0.9183,

284.0995, 354.6415

2.2750

328.1484,
339.1985, 420.1839

■ 0.0000, 0.0000,
0.7172

■ 0.0000, 0.0000,
0.0000

■ 52.7397, 53.7084,
73.9167

■ 52.7397, 53.7084,
73.9167

■ 43.5540, 42.8242,
72.3008

■ 63.3542, 66.2394,
75.7768

■ 35.7316, 33.5118,
70.9156

■ 75.4499, 80.4745,
77.8870

■ 29.2086, 25.7005,
69.7517

■ 88.9342, 96.4003,
80.2503

■ 23.9147, 19.3117,
68.7976

■ 89.6550, 97.8420,
80.4905

■ 19.7725, 14.2595,
68.0407

■ 16.6959, 10.4486,
67.4673

■ 14.5867, 7.7713,
67.0617

■ 13.3282, 6.1012,
66.8056

■ 12.8344, 5.4207,
66.7003

Harmonies

Analogous

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



50.0166, 53.7084, 74.4873



52.7397, 53.7084, 73.9167



55.0869, 53.7084, 68.9975

Triad

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



52.7397, 53.7084, 73.9167



54.5997, 53.7084, 47.9142



46.0739, 53.7084, 55.5548

Complementary

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



52.7397, 53.7084, 73.9167



62.7637, 67.7343, 58.4823

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.



47.2119, 53.7084, 49.0883



52.7397, 53.7084, 73.9167



52.0939, 53.7084, 44.9467

Square

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



52.7397, 53.7084, 73.9167



56.1869, 53.7084, 53.8173



49.3933, 53.7084, 45.3565



46.2328, 53.7084, 63.4031

Rectangle

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



52.7397, 53.7084, 73.9167



56.0926, 53.7084, 64.1411



49.3933, 53.7084, 45.3565



46.3158, 53.7084, 53.1609

Sweetspot

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



52.7413, 53.7106, 73.9179



88.4493, 92.2222, 107.7466



58.6591, 66.0315, 74.3945



18.6743, 19.4357, 23.0172



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.



52.7413, 53.7106, 73.9179



72.0495, 72.8504, 104.8719



55.3363, 54.4000, 73.9142



12.4131, 12.7660, 16.4620



7.7180, 3.3055, 39.9696



0.5268, 0.2677, 2.5984

Inverse Universe

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



56.8426, 55.5393, 57.5960



78.8387, 75.8970, 77.8480



59.9128, 67.0310, 58.4968



13.0936, 13.0666, 13.7543



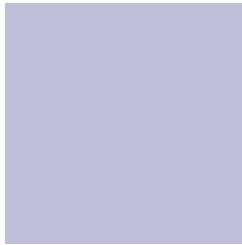
17.3910, 8.9574, 1.1732



1.1402, 0.5857, 0.1472

Previews

White Background



This preview shows how the XYZ color 52.7397, 53.7084, 73.9167 looks on a white background.

Color Contrast Check

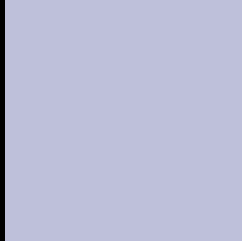
Large Text (above 18pt) WCAG AA × Fail

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 52.7397, 53.7084, 73.9167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

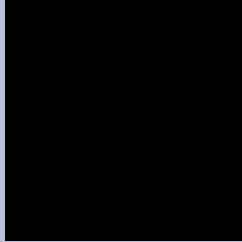
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7397, 53.7084, 73.9167

Background



This preview shows how black text looks on a background with the XYZ color 52.7397, 53.7084, 73.9167.



This preview shows how white text looks on a background with the XYZ color 52.7397, 53.7084,

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

52.7397, 53.7084, 73.9167

Protanopia

52.7397, 53.7084, 73.9167

Deuteranopia

55.0712, 53.9272, 74.5243



Tritanopia

51.5394, 53.8784, 68.0047

Trichromacy



Original Color

52.7397, 53.7084, 73.9167

Protanomaly

52.7397, 53.7084, 73.9167

Deuteranomaly

54.2256, 53.8117, 74.5465

Tritanomaly

51.9399, 53.7122, 69.9173

Monochromacy



Original Color

52.7397, 53.7084, 73.9167

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8418, 53.7892, 64.1499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7397, 53.7084, 73.9167 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(190, 192, 218) looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 218)  
}
```

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(190, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.7397, 53.7084, 73.9167 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(190, 192, 218) }
```


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

```
.border{ border-color:rgb(190, 192, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7397, 53.7084, 73.9167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 218) }
```

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

```
.background{ background-color: rgb(190,  
192, 218) }
```

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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