

Converting Colors

XYZ(38.7491, 51.7409, 53.2921)

Have a look what the booklet for
XYZ(38.7491, 51.7409, 53.2921)
contains.

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Color

**XYZ(38.7491, 51.7409,
53.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	7ACEB8
RGB	122, 206, 184
RGB Percent	48%, 81%, 72%
CMY	0.5216, 0.1921, 0.2784
CMYK	0.41, 0.00, 0.11, 0.19
HSL	164°, 46%, 64%
HSV	164°, 41%, 81%
XYZ	38.7491, 51.7409, 53.2921
YIQ	178.3760, -43.0020, -24.6500

Conversions

Conversions Part 2

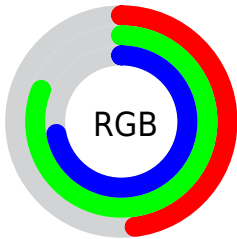
Format	Color
RYB	122, 170, 206
Decimal	8048312
CIELab	77.13, -30.66, 2.95
CIELCh	77, 30.798, 174.510
Yxy	51.7409, 0.2695, 0.3599
Android (android.graphics.Color)	4286238392 (0xFF7ACEB8)
YUV	178.3760, 2.7726, -49.4418
Hunter-Lab	71.9311, -29.7221, 6.4252

Details

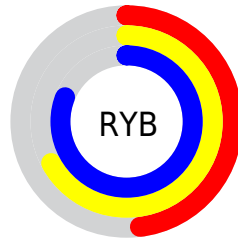
The XYZ color **38.7491, 51.7409, 53.2921** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.4490, 29.0559, 30.0222**, and the grayscale version is **42.5194, 44.7337, 48.7150**.

A 20% lighter version of the original color is **69.8483, 87.2762, 95.6027**, and **17.4781, 24.9652, 25.3703** is the 20% darker color. If you saturate the color by 10%, you get **35.5811, 50.1732, 50.2481**, and if you desaturate by 10%, it is **42.5599, 53.6401, 56.4810**.

Distribution



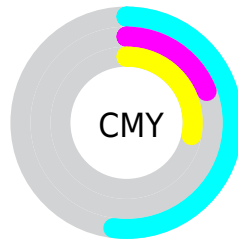
- Red (48%)
- Green (81%)
- Blue (72%)



- Red (48%)
- Yellow (67%)
- Blue (81%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (19%)





- Cyan (52%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7491, 51.7409, 53.2921 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 38.7491, 51.7409, 53.2921 by changing the saturation by 10% instead.


 38.7491, 51.7409,
53.2921


 38.7491, 51.7409,
53.2921


332.0482,
393.4355, 416.5028


 26.7444, 36.7986,
37.6467


 72.5514, 92.7490,
96.4799

 17.5170, 25.0516,
25.4089


 95.0798, 119.5836,
124.8595

 10.7013, 16.1155,
16.1602


 121.8467,
151.1511, 158.3208

 5.9322, 9.6059,
9.4820

153.2176,
187.8358, 197.2824

 2.8442, 5.1385,
4.9558

189.5579,
230.0223, 242.1628

 1.0719, 2.3287,
2.1631

231.2328,

 0.0014, 0.7889,

278.0948, 293.3807

0.6529

278.6078,
332.4377, 351.3545

■ 0.0000, 0.0000,
0.0000

■ 38.7491, 51.7409,
53.2921

■ 38.7491, 51.7409,
53.2921

■ 35.5811, 50.1732,
50.2481

■ 42.5599, 53.6401,
56.4810

■ 33.0118, 48.9103,
47.3425

■ 47.0452, 55.8833,
59.8143

■ 30.9985, 47.9316,
44.5730


■ 52.2399, 58.4896,
63.2958


■ 29.4907, 47.2111,
41.9360


■ 58.1753, 61.4751,
66.9282

■ 28.4285, 46.7180,
39.4275

■ 64.8805, 64.8549,
70.7140

 27.7434, 46.4129,
37.2217

 72.3833, 68.6433,
74.6557

 76.4665, 70.6662,
78.5571

 77.2006, 70.9598,
82.4225

 77.9580, 71.2627,
86.4109

Harmonies

Analogous

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



40.5253, 51.7409, 39.5342



38.7491, 51.7409, 53.2921



39.5809, 51.7409, 70.8846

Triad

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



38.7491, 51.7409, 53.2921



54.0252, 51.7409, 91.2820



56.0470, 51.7409, 33.8491

Complementary

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



38.7491, 51.7409, 53.2921



37.4490, 29.0559, 30.0222

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.



60.2135, 51.7409, 43.9299



38.7491, 51.7409, 53.2921



58.9826, 51.7409, 77.3317

Square

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



38.7491, 51.7409, 53.2921



48.1031, 51.7409, 95.1605



61.3284, 51.7409, 59.4958



50.2691, 51.7409, 29.8364

Rectangle

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



38.7491, 51.7409, 53.2921



41.5395, 51.7409, 82.2566



61.3284, 51.7409, 59.4958



57.7003, 51.7409, 36.5295

Sweetspot

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



38.7506, 51.7430, 53.2933



83.4108, 94.1458, 101.7593



37.1574, 51.5153, 26.3983



17.6052, 20.0265, 21.6190



0.0000, 0.0000, 0.0000



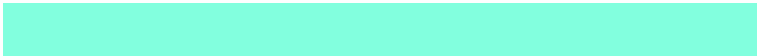
20.3446, 21.4041, 23.3091

Same Dimension

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



38.7506, 51.7430, 53.2933



58.1949, 81.5583, 81.9737



36.8115, 43.8823, 64.9249



11.4129, 12.6749, 13.7318



17.1245, 28.5951, 23.1383



0.9135, 1.4872, 1.3521

Inverse Universe

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



37.4490, 29.0559, 30.0222



55.8203, 39.8750, 39.3007



38.5817, 33.7557, 22.8953



11.3309, 11.2611, 12.2774



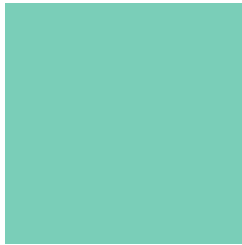
16.1172, 8.2575, 3.0700



0.8635, 0.4388, 0.3269

Previews

White Background



This preview shows how the XYZ color 38.7491, 51.7409, 53.2921 looks on a white background.

Color Contrast Check

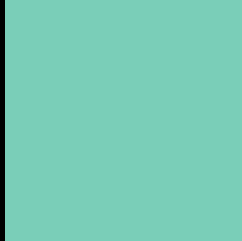
Large Text (above 18pt) WCAG AA × Fail

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 38.7491, 51.7409, 53.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

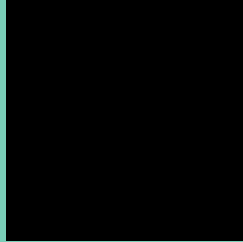
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7491, 51.7409, 53.2921

Background



This preview shows how black text looks on a background with the XYZ color 38.7491, 51.7409, 53.2921.

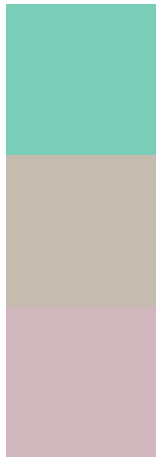


This preview shows how white text looks on a background with the XYZ color 38.7491, 51.7409,

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

38.7491, 51.7409, 53.2921

Protanopia

48.7004, 51.2261, 47.8783

Deuteranopia

52.1312, 50.9510, 55.2310



Tritanopia

42.7711, 51.6083, 73.3528

Trichromacy



Original Color

38.7491, 51.7409, 53.2921

Protanomaly

43.9132, 50.6796, 49.5871

Deuteranomaly

45.7319, 50.1966, 54.2923

Tritanomaly

41.2775, 51.7088, 65.5629

Monochromacy



Original Color

38.7491, 51.7409, 53.2921

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.3220, 46.5308, 50.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7491, 51.7409, 53.2921 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(122, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 206, 184)  
}
```

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(122, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 206, 184) }
```

Border

The CSS property to change the border of an element to XYZ 38.7491, 51.7409, 53.2921 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(122, 206, 184) }
```


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

```
.border{ border-color:rgb(122, 206, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 206, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 206, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 206, 184); box-shadow:4px 4px 4px 4px rgb(122, 206, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7491, 51.7409, 53.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 206, 184) }
```

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

```
.background{ background-color: rgb(122,  
206, 184) }
```

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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