

Converting Colors

XYZ(43.5168, 54.7918, 74.4990)

Have a look what the booklet for
XYZ(43.5168, 54.7918, 74.4990)
contains.

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Color

**XYZ(43.6237, 54.8738,
74.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD1DA
RGB	123, 209, 218
RGB Percent	48%, 82%, 85%
CMY	0.5176, 0.1804, 0.1451
CMYK	0.44, 0.04, 0.00, 0.15
HSL	186°, 56%, 67%
HSV	186°, 44%, 85%
XYZ	43.6237, 54.8738, 74.6222
YIQ	184.3120, -54.1450, -15.4330

Conversions

Conversions Part 2

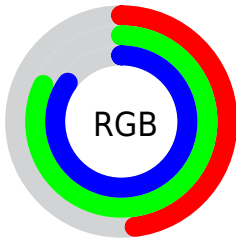
Format	Color
RYB	123, 168, 218
Decimal	8114650
CIELab	78.97, -23.66, -12.59
CIElCh	79, 26.806, 208.022
Yxy	54.8738, 0.2520, 0.3170
Android (android.graphics.Color)	4286304730 (0xFF7BD1DA)
YUV	184.3120, 16.6082, -53.7706
Hunter-Lab	74.0769, -24.5162, -7.8727

Details

The XYZ color **43.6237, 54.8738, 74.6222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.7408, 32.8389, 22.9315**, and the grayscale version is **45.6663, 48.0445, 52.3204**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **20.3464, 26.8794, 38.7662** is the 20% darker color. If you saturate the color by 10%, you get **40.3427, 52.4364, 74.3256**, and if you desaturate by 10%, it is **47.6089, 57.6865, 74.9560**.

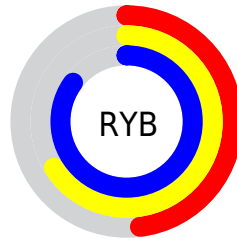
Distribution



Red (48%)

Green (82%)

Blue (85%)



Red (48%)

Yellow (66%)

Blue (85%)

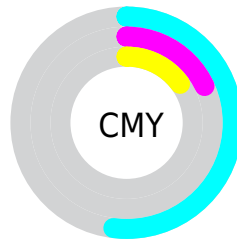


Cyan (44%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (52%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6237, 54.8738, 74.6222 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 43.6237, 54.8738, 74.6222 by changing the saturation by 10% instead.


 43.6237, 54.8738,
74.6222


 43.6237, 54.8738,
74.6222


352.0487,
405.4334, 495.8387


 30.5714, 39.3007,
54.8036


 79.9011, 97.3560,
127.5196

 20.4229, 26.9937,
38.8469


 103.8569,
125.0339, 161.4355

 12.8129, 17.5685,
26.3338


 132.1779,
157.5156, 200.8875

 7.3759, 10.6406,
16.8455

165.2295,
195.1853, 246.2942

 3.7467, 5.8257,
9.9636

203.3770,
238.4276, 298.0741

 1.5599, 2.7394,
5.2695

246.9858,

 0.3660, 0.9973,

287.6267, 356.6458

2.3448

296.4212,
343.1672, 422.4279

■ 0.0000, 0.0000,
0.7561

■ 0.0000, 0.0000,
0.0000

■ 43.6237, 54.8738,
74.6222

■ 43.6237, 54.8738,
74.6222

■ 40.3427, 52.4364,
74.3256

■ 47.6089, 57.6865,
74.9560

■ 37.7144, 50.3439,
74.0603

■ 52.3357, 60.8900,
75.3252

■ 35.6879, 48.5714,
73.8249

■ 57.8448, 64.5067,
75.7330

■ 34.2028, 47.0876,
73.6168

■ 64.1724, 68.5551,
76.1809

■ 33.1859, 45.8548,
73.4324

■ 71.3525, 73.0529,
76.6706

■ 32.7015, 45.1550,
73.3229

■ 79.4170, 78.0166,
77.2036

■ 80.4052, 79.3422,
77.4074

■ 80.9617, 80.4554,
77.5930

■ 81.5251, 81.5820,
77.7807

Harmonies

Analogous

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



42.5713, 54.8738, 58.7412



43.6237, 54.8738, 74.6222



46.9156, 54.8738, 88.2564

Triad

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



43.6237, 54.8738, 74.6222



61.3390, 54.8738, 76.6750



52.5103, 54.8738, 34.9579

Complementary

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



43.6237, 54.8738, 74.6222



40.7408, 32.8389, 22.9315

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.



57.7725, 54.8738, 38.1534



43.6237, 54.8738, 74.6222



63.0808, 54.8738, 60.7667

Square

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



43.6237, 54.8738, 74.6222



57.1193, 54.8738, 89.5764



61.7338, 54.8738, 46.9950



47.4887, 54.8738, 37.4073

Rectangle

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



43.6237, 54.8738, 74.6222



50.0583, 54.8738, 93.2962



61.7338, 54.8738, 46.9950



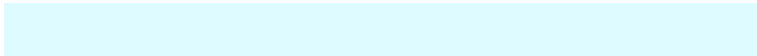
54.3113, 54.8738, 35.3944

Sweetspot

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



43.6254, 54.8759, 74.6235



82.8948, 92.2589, 108.0465



37.3321, 55.9914, 30.2843



17.3446, 19.4888, 23.0975



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.



43.6254, 54.8759, 74.6235



58.0162, 75.1536, 106.0561



33.8479, 35.3210, 71.3643



13.3340, 14.6077, 16.7689



19.6345, 27.1384, 43.9418



1.3034, 1.8208, 2.8572

Inverse Universe

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



47.5064, 33.6762, 64.3202



64.3420, 41.7148, 89.0122



48.4932, 48.3437, 25.5156



13.5584, 13.2525, 16.2019



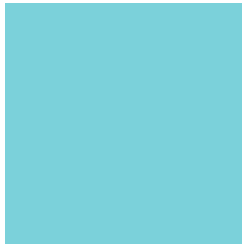
23.4059, 11.3634, 32.8472



1.5322, 0.7425, 2.2113

Previews

White Background



This preview shows how the XYZ color 43.6237, 54.8738, 74.6222 looks on a white background.

Color Contrast Check

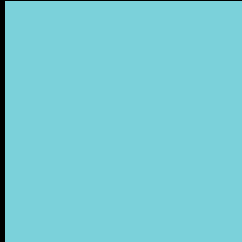
Large Text (above 18pt) WCAG AA × Fail

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 43.6237, 54.8738, 74.6222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

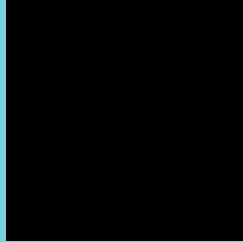
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6237, 54.8738, 74.6222

Background



This preview shows how black text looks on a background with the XYZ color 43.6237, 54.8738, 74.6222.

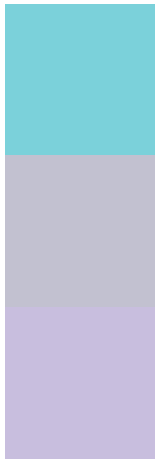


This preview shows how white text looks on a background with the XYZ color 43.6237, 54.8738,

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

43.6237, 54.8738, 74.6222

Protanopia

52.7033, 54.1633, 67.3513

Deuteranopia

55.4177, 54.3802, 76.6828



Tritanopia

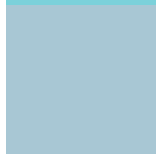
44.6039, 54.9080, 79.4816

Trichromacy



Original Color

43.6237, 54.8738, 74.6222



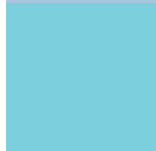
Protanomaly

48.4555, 53.9251, 70.1421



Deuteranomaly

50.0307, 53.9236, 76.1780



Tritanomaly

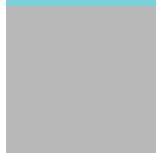
44.0529, 54.6708, 77.3379

Monochromacy



Original Color

43.6237, 54.8738, 74.6222



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

43.9341, 49.8068, 59.5227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6237, 54.8738, 74.6222 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(123, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(123, 209, 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(123, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 43.6237, 54.8738, 74.6222 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(123, 209, 218) }
```


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

```
.border{ border-color:rgb(123, 209, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(123, 209,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6237, 54.8738, 74.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 209, 218) }
```

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

```
.background{ background-color: rgb(123,  
209, 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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