

Converting Colors

XYZ(32.4221, 43.9241, 56.6386)

Have a look what the booklet for
XYZ(32.4221, 43.9241, 56.6386)
contains.

XYZ(32.4221, 43.9241, 56.6386)	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(32.4221, 43.9241,
56.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	56C1C0
RGB	86, 193, 192
RGB Percent	34%, 76%, 75%
CMY	0.6627, 0.2431, 0.2471
CMYK	0.55, 0.00, 0.01, 0.24
HSL	179°, 46%, 55%
HSV	179°, 55%, 76%
XYZ	32.4221, 43.9241, 56.6386
YIQ	160.8930, -63.4510, -22.9950

Conversions

Conversions Part 2

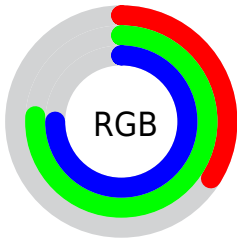
Format	Color
R_{YB}	86, 140, 193
Decimal	5685696
CIE _{Lab}	72.18, -30.72, -8.82
CIE _{LCh}	72, 31.959, 196.015
Yxy	43.9241, 0.2438, 0.3303
Android (android.graphics.Color)	4283875776 (0xFF56C1C0)
YUV	160.8930, 15.3358, -65.6812
Hunter-Lab	66.2753, -28.6588, -4.2763

Details

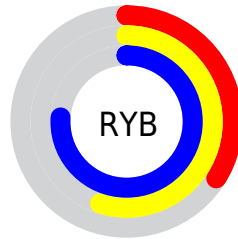
The XYZ color **32.4221, 43.9241, 56.6386** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **27.0418, 18.6824, 11.1990**, and the grayscale version is **33.7799, 35.5391, 38.7021**.

A 20% lighter version of the original color is **62.8059, 81.1683, 101.1638**, and **13.8928, 20.3293, 27.6178** is the 20% darker color. If you saturate the color by 10%, you get **30.8597, 43.1220, 56.4620**, and if you desaturate by 10%, it is **34.4669, 44.9769, 56.8398**.

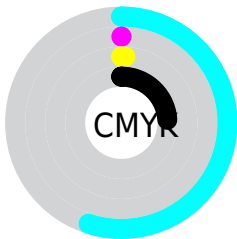
Distribution



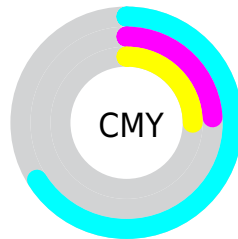
- Red (34%)
- Green (76%)
- Blue (75%)



- Red (34%)
- Yellow (55%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)




- Cyan (66%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4221, 43.9241, 56.6386 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 32.4221, 43.9241, 56.6386 by changing the saturation by 10% instead.


 32.4221, 43.9241,
56.6386


 32.4221, 43.9241,
56.6386


304.7488,
362.3985, 429.5495


 21.8412, 30.6108,
40.3077


 62.8330, 81.1035,
101.4328

 13.8562, 20.3027,
27.4629


 83.3937, 105.7385,
130.7331

 8.1018, 12.6153,
17.6857


 108.0117,
134.9161, 165.1937

 4.2125, 7.1642,
10.5575

 137.0523,
169.0208, 205.2331

 1.8230, 3.5650,
5.6597

170.8810,
208.4370, 251.2699

 0.5315, 1.4333,
2.5739

209.8631,

 0.0000, 0.2411,

253.5491, 303.7225

0.8789

254.3639,
304.7415, 363.0095

■ 0.0000, 0.0000,
0.0000

■ 32.4221, 43.9241,
56.6386

■ 32.4221, 43.9241,
56.6386

■ 30.8597, 43.1220,
56.4620

■ 34.4669, 44.9769,
56.8398

■ 29.7362, 42.5451,
56.3051

■ 37.0253, 46.2935,
57.0643

■ 29.0070, 42.1715,
56.1668

■ 40.1305, 47.8920,
57.3145

■ 28.6155, 41.9720,
56.0444

■ 43.8120, 49.7875,
57.5917

■ 28.4962, 41.9115,
55.9914

■ 48.0968, 51.9941,
57.8973

■ 53.0106, 54.5249,
58.2325

■ 58.5773, 57.3924,
58.5984

■ 64.8198, 60.6081,
58.9960

■ 70.0065, 63.2796,
59.3443

Harmonies

Analogous

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



32.3406, 43.9241, 40.9009



32.4221, 43.9241, 56.6386



34.8536, 43.9241, 72.9748

Triad

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



32.4221, 43.9241, 56.6386



49.7936, 43.9241, 71.9782



44.3457, 43.9241, 24.1232

Complementary

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



32.4221, 43.9241, 56.6386



27.0418, 18.6824, 11.1990

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.



49.4976, 43.9241, 29.2416



32.4221, 43.9241, 56.6386



52.8241, 43.9241, 55.4915

Square

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



32.4221, 43.9241, 56.6386



44.7219, 43.9241, 83.0681



52.7112, 43.9241, 39.9783



38.9100, 43.9241, 24.2988

Rectangle

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



32.4221, 43.9241, 56.6386



37.6122, 43.9241, 81.0134



52.7112, 43.9241, 39.9783



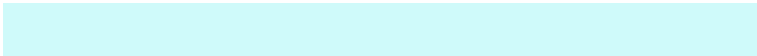
46.1775, 43.9241, 25.2232

Sweetspot

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



32.4234, 43.9258, 56.6396



77.1807, 88.5056, 103.0493



24.7550, 40.8776, 15.3905



16.2619, 18.8350, 22.0855



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4234, 43.9258, 56.6396



54.6699, 76.9219, 101.0437



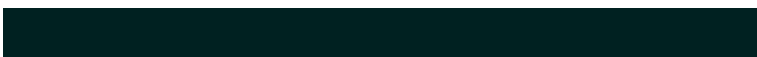
23.0314, 24.9636, 54.0585



10.3644, 11.4268, 12.9220



18.9545, 27.8759, 37.2490



0.8203, 1.2050, 1.6164

Inverse Universe

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



27.0418, 18.6824, 11.1990



44.0427, 27.0514, 11.2947



32.7214, 30.1067, 12.8916



10.0770, 10.0794, 10.4958



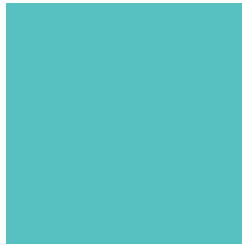
14.6357, 7.5440, 0.7279



0.6337, 0.3265, 0.0385

Previews

White Background



This preview shows how the XYZ color 32.4221, 43.9241, 56.6386 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 32.4221, 43.9241, 56.6386 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

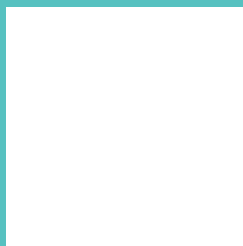
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4221, 43.9241, 56.6386

Background



This preview shows how black text looks on a background with the XYZ color 32.4221, 43.9241, 56.6386.

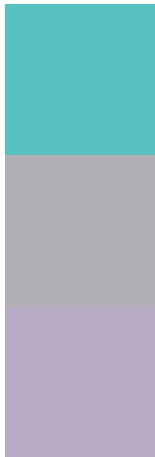


This preview shows how white text looks on a background with the XYZ color 32.4221, 43.9241,

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

32.4221, 43.9241, 56.6386

Protanopia

41.8019, 43.3433, 49.8789

Deuteranopia

44.1694, 43.2243, 58.8385



Tritanopia

34.1850, 43.9931, 65.0823

Trichromacy



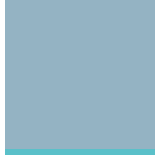
Original Color

32.4221, 43.9241, 56.6386



Protanomaly

36.9865, 42.8880, 52.2278



Deuteranomaly

38.1832, 42.4762, 57.8160



Tritanomaly

33.6087, 44.0900, 61.9972

Monochromacy



Original Color

32.4221, 43.9241, 56.6386



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

32.2215, 37.9340, 44.6535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4221, 43.9241, 56.6386 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(86, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(86, 193, 192)  
}
```

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(86, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.4221, 43.9241, 56.6386 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(86, 193, 192) }
```


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

```
.border{ border-color:rgb(86, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(86, 193,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4221, 43.9241, 56.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 193, 192) }
```

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

```
.background{ background-color: rgb(86, 193,  
192) }
```

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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