

Converting Colors

XYZ(32.4189, 42.1631, 62.9295)

Have a look what the booklet for
XYZ(32.4189, 42.1631, 62.9295)
contains.

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Color

**XYZ(32.4189, 42.1631,
62.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	54BCCB
RGB	84, 188, 203
RGB Percent	33%, 74%, 80%
CMY	0.6706, 0.2627, 0.2039
CMYK	0.59, 0.07, 0.00, 0.20
HSL	188°, 53%, 56%
HSV	188°, 59%, 80%
XYZ	32.4189, 42.1631, 62.9295
YIQ	158.6140, -66.7990, -17.3830

Conversions

Conversions Part 2

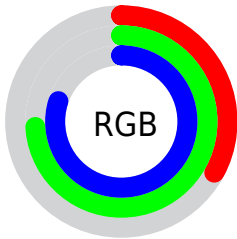
Format	Color
R_{YB}	84, 139, 203
Decimal	5553355
CIE _{Lab}	70.98, -25.58, -16.62
CIE _{LCh}	71, 30.508, 213.018
Yxy	42.1631, 0.2358, 0.3066
Android (android.graphics.Color)	4283743435 (0xFF54BCCB)
YUV	158.6140, 21.8823, -65.4365
Hunter-Lab	64.9331, -24.5140, -12.0073

Details

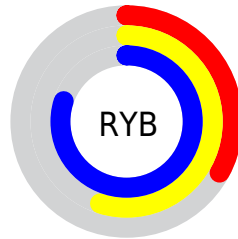
The XYZ color **32.4189, 42.1631, 62.9295** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **30.6917, 22.2614, 11.0680**, and the grayscale version is **32.7051, 34.4083, 37.4706**.

A 20% lighter version of the original color is **61.9023, 77.8507, 106.3718**, and **13.9499, 19.2201, 31.4084** is the 20% darker color. If you saturate the color by 10%, you get **30.3170, 40.2762, 62.6768**, and if you desaturate by 10%, it is **35.0595, 44.3440, 63.2120**.

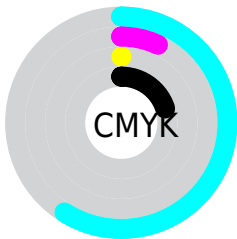
Distribution



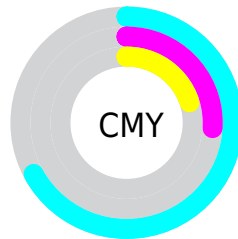
- Red (33%)
- Green (74%)
- Blue (80%)



- Red (33%)
- Yellow (55%)
- Blue (80%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4189, 42.1631, 62.9295 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 32.4189, 42.1631, 62.9295 by changing the saturation by 10% instead.

■ 32.4189, 42.1631,
62.9295

■ 32.4189, 42.1631,
62.9295

304.7346,
355.1586, 453.4145

■ 21.8388, 29.2290,
45.3435

■ 62.8280, 78.4464,
110.6524

■ 13.8544, 19.2541,
31.3832

■ 83.3876, 102.5644,
141.6264

■ 8.1005, 11.8541,
20.6299

■ 108.0045,
131.1792, 177.9002

■ 4.2117, 6.6444,
12.6651

■ 137.0440,
164.6752, 219.8923

■ 1.8226, 3.2407,
7.0704

170.8713,
203.4367, 268.0212

■ 0.5312, 1.2587,
3.4270

209.8520,

■ 0.0000, 0.1088,

247.8482, 322.7055

1.3166

254.3513,
298.2940, 384.3638

■ 0.0000, 0.0000,
0.0753

■ 0.0000, 0.0000,
0.0000

■ 32.4189, 42.1631,
62.9295

■ 32.4189, 42.1631,
62.9295

■ 30.3170, 40.2762,
62.6768

■ 35.0595, 44.3440,
63.2120

■ 28.7029, 38.6541,
62.4488

■ 38.2763, 46.8354,
63.5234

■ 27.5228, 37.2700,
62.2439

■ 42.1078, 49.6583,
63.8663

■ 26.6891, 36.0787,
62.0579

■ 46.5881, 52.8302,
64.2424

■ 26.5838, 35.9203,
62.0328

■ 51.7489, 56.3676,
64.6532

■ 57.6195, 60.2857,
65.1001

■ 64.2277, 64.5989,
65.5843

■ 71.5998, 69.3207,
66.1071

■ 75.3215, 72.1756,
66.4621

Harmonies

Analogous

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



31.0780, 42.1631, 47.3992



32.4189, 42.1631, 62.9295



35.7981, 42.1631, 75.6752

Triad

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



32.4189, 42.1631, 62.9295



49.4400, 42.1631, 59.8295



39.5620, 42.1631, 23.2291

Complementary

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



32.4189, 42.1631, 62.9295



30.6917, 22.2614, 11.0680

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.



44.6792, 42.1631, 25.1939



32.4189, 42.1631, 62.9295



50.6592, 42.1631, 44.4493

Square

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



32.4189, 42.1631, 62.9295



45.6452, 42.1631, 73.6356



48.8500, 42.1631, 32.2718



34.9771, 42.1631, 26.1955

Rectangle

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



32.4189, 42.1631, 62.9295



38.8973, 42.1631, 79.7106



48.8500, 42.1631, 32.2718



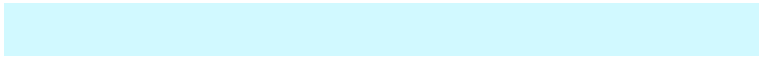
41.2758, 42.1631, 23.3366

Sweetspot

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



32.4202, 42.1647, 62.9305



78.3149, 88.6741, 107.5959



27.2123, 45.4773, 18.8716



16.2615, 18.6299, 22.9888



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.



32.4202, 42.1647, 62.9305



50.0684, 66.7732, 104.8574



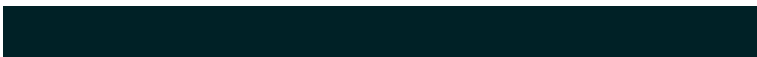
22.3687, 22.0616, 59.5800



11.4179, 12.4763, 14.3768



16.9639, 22.9517, 39.4923



0.9097, 1.2532, 2.0489

Inverse Universe

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



36.8772, 22.6693, 50.0106



58.4959, 32.3528, 79.8798



38.3519, 37.5818, 13.6214



11.6243, 11.3785, 13.8223



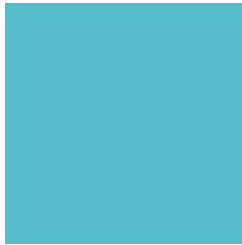
20.7735, 10.1200, 27.5895



1.0891, 0.5291, 1.5153

Previews

White Background



This preview shows how the XYZ color 32.4189, 42.1631, 62.9295 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 32.4189, 42.1631, 62.9295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

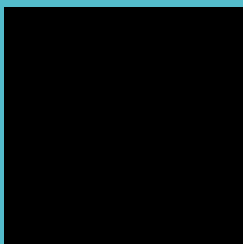
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

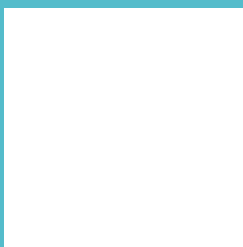
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4189, 42.1631, 62.9295

Background



This preview shows how black text looks on a background with the XYZ color 32.4189, 42.1631, 62.9295.



This preview shows how white text looks on a background with the XYZ color 32.4189, 42.1631,

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

32.4189, 42.1631, 62.9295

Protanopia

40.6549, 41.4776, 55.7324

Deuteranopia

42.4637, 41.6516, 64.8330



Tritanopia

32.4189, 42.1631, 62.9295

Trichromacy



Original Color

32.4189, 42.1631, 62.9295

Protanomaly

36.3334, 40.9188, 58.2077

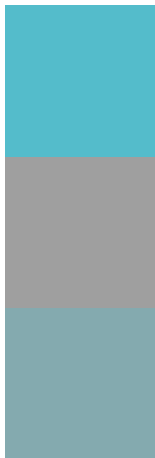
Deuteranomaly

37.4811, 41.0823, 64.3467

Tritanomaly

32.4189, 42.1631, 62.9295

Monochromacy



Original Color

32.4189, 42.1631, 62.9295

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.6283, 36.7501, 45.9839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4189, 42.1631, 62.9295 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(84, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(84, 188, 203)  
}
```

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(84, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 188, 203) }
```

Border

The CSS property to change the border of an element to XYZ 32.4189, 42.1631, 62.9295 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(84, 188, 203) }
```


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

```
.border{ border-color:rgb(84, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(84, 188,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4189, 42.1631, 62.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 188, 203) }
```

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

```
.background{ background-color: rgb(84, 188,  
203) }
```

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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