

Converting Colors

XYZ(26.7442, 32.9191, 55.4021)

Have a look what the booklet for
XYZ(26.7442, 32.9191, 55.4021)
contains.

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Color

**XYZ(26.7415, 32.9165,
55.3962)**

Conversions

Conversions Part 1

Format	Color
Hex	52A6C1
RGB	82, 166, 193
RGB Percent	32%, 65%, 76%
CMY	0.6784, 0.3490, 0.2431
CMYK	0.58, 0.14, 0.00, 0.24
HSL	195°, 47%, 54%
HSV	195°, 58%, 76%
XYZ	26.7415, 32.9165, 55.3962
YIQ	143.9620, -58.7310, -9.4110

Conversions

Conversions Part 2

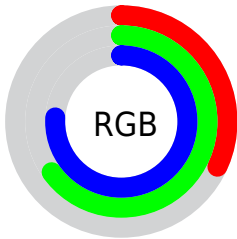
Format	Color
R _Y B	82, 130, 193
Decimal	5416641
CIE _{Lab}	64.09, -17.60, -21.57
CIE _{LCh}	64, 27.839, 230.792
Y _{xy}	32.9165, 0.2324, 0.2861
Android (android.graphics.Color)	4283606721 (0xFF52A6C1)
Y _{UV}	143.9620, 24.1757, -54.3407
Hunter-Lab	57.3729, -17.2038, -17.0862

Details

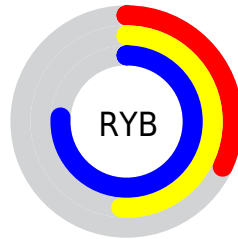
The XYZ color **26.7415, 32.9165, 55.3962** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **28.9848, 22.8850, 10.8733**, and the grayscale version is **26.4177, 27.7934, 30.2671**.

A 20% lighter version of the original color is **53.9270, 64.1905, 99.9902**, and **10.6775, 13.8987, 26.5461** is the 20% darker color. If you saturate the color by 10%, you get **24.4556, 30.4949, 55.0499**, and if you desaturate by 10%, it is **29.5326, 35.6462, 55.7766**.

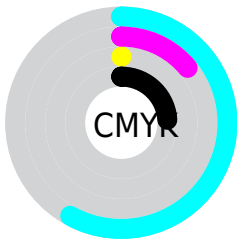
Distribution



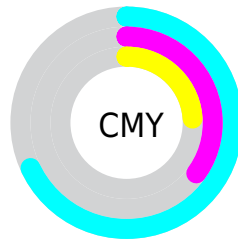
- Red (32%)
- Green (65%)
- Blue (76%)



- Red (32%)
- Yellow (51%)
- Blue (76%)



- Cyan (58%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7415, 32.9165, 55.3962 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 26.7415, 32.9165, 55.3962 by changing the saturation by 10% instead.

■ 26.7415, 32.9165,
55.3962

■ 26.7415, 32.9165,
55.3962

278.5938,
315.2733, 424.7362

■ 17.5148, 22.0625,
39.3183

■ 53.8916, 64.2451,
99.5982

■ 10.6997, 13.9028,
26.6977

■ 72.5457, 85.4886,
128.5593

■ 5.9311, 8.0531,
17.1159

■ 95.0729, 110.9639,
162.6519

■ 2.8435, 4.1289,
10.1543

■ 121.8386,
141.0556, 202.2946

■ 1.0715, 1.7460,
5.3945

153.2082,
176.1479, 247.9058

■ 0.0011, 0.4531,
2.4178

189.5470,

■ 0.0000, 0.0000,

216.6254, 299.9041

0.7961

231.2204,
262.8724, 358.7081

■ 0.0000, 0.0000,
0.0000

■ 26.7415, 32.9165,
55.3962

■ 26.7415, 32.9165,
55.3962

■ 24.4556, 30.4949,
55.0499

■ 29.5326, 35.6462,
55.7766

■ 22.6308, 28.3560,
54.7332

■ 32.8620, 38.6994,
56.1904

■ 21.2200, 26.4759,
54.4447

■ 36.7637, 42.0949,
56.6402

■ 20.1545, 24.8186,
54.1809

■ 41.2678, 45.8485,
57.1273

■ 19.9132, 24.4252,
54.1177

■ 46.4021, 49.9752,
57.6532

■ 52.1929, 54.4889,
58.2193

■ 58.6648, 59.4027,
58.8266

■ 65.8410, 64.7291,
59.4765

■ 73.4835, 70.3457,
60.1578

Harmonies

Analogous

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



24.7305, 32.9165, 44.0985



26.7415, 32.9165, 55.3962



30.0906, 32.9165, 61.7772

Triad

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



26.7415, 32.9165, 55.3962



39.3676, 32.9165, 39.4222



28.6757, 32.9165, 19.1555

Complementary

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



26.7415, 32.9165, 55.3962



28.9848, 22.8850, 10.8733

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.



32.5130, 32.9165, 18.4194



26.7415, 32.9165, 55.3962



38.9086, 32.9165, 28.6836

Square

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



26.7415, 32.9165, 55.3962



37.5247, 32.9165, 51.3629



36.3186, 32.9165, 21.5319



25.7804, 32.9165, 23.8103

Rectangle

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



26.7415, 32.9165, 55.3962



32.7248, 32.9165, 61.6277



36.3186, 32.9165, 21.5319



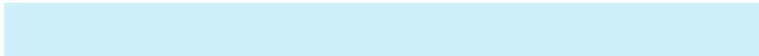
29.8903, 32.9165, 18.4863

Sweetspot

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



26.7426, 32.9177, 55.3970



74.1210, 82.2866, 102.3366



25.2520, 41.0152, 20.7464



15.5311, 17.3495, 21.9155



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.



26.7426, 32.9177, 55.3970



42.8838, 53.5845, 98.4429



18.8565, 17.1455, 52.7683



10.1543, 10.9999, 12.8728



13.3095, 16.3754, 36.0159



0.6261, 0.8096, 1.5732

Inverse Universe

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



31.8934, 20.1262, 38.2814



53.4553, 30.2311, 62.6652



36.6845, 38.2843, 13.4398



10.3892, 10.2043, 12.1399



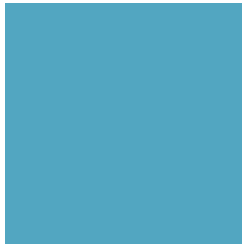
18.1140, 8.9353, 19.0441



0.8084, 0.3964, 0.9585

Previews

White Background



This preview shows how the XYZ color 26.7415, 32.9165, 55.3962 looks on a white background.

Color Contrast Check

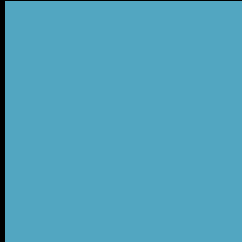
Large Text (above 18pt) WCAG AA × Fail

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 26.7415, 32.9165, 55.3962 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 26.7415, 32.9165, 55.3962

Background



This preview shows how black text looks on a background with the XYZ color 26.7415, 32.9165, 55.3962.



This preview shows how white text looks on a background with the XYZ color 26.7415, 32.9165,

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

26.7415, 32.9165, 55.3962

Protanopia

32.2557, 32.5391, 49.9280

Deuteranopia

33.4048, 32.7379, 56.7830



Tritanopia

25.5067, 32.9604, 49.2736

Trichromacy



Original Color

26.7415, 32.9165, 55.3962

Protanomaly

29.5087, 32.3267, 51.6981

Deuteranomaly

30.2195, 32.3392, 56.2791

Tritanomaly

25.9061, 32.8449, 51.4287

Monochromacy



Original Color

26.7415, 32.9165, 55.3962

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6350, 29.1301, 38.4540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7415, 32.9165, 55.3962 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(82, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(82, 166, 193)  
}
```

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(82, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 166, 193) }
```

Border

The CSS property to change the border of an element to XYZ 26.7415, 32.9165, 55.3962 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(82, 166, 193) }
```


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

```
.border{ border-color:rgb(82, 166, 193) }
```

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

Here you see how a box with a 4 pixel rgb(82, 166, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(82, 166,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7415, 32.9165, 55.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 166, 193) }
```

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

```
.background{ background-color: rgb(82, 166,  
193) }
```

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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