

Converting Colors

XYZ(26.8026, 35.9051, 41.9677)

Have a look what the booklet for
XYZ(26.8026, 35.9051, 41.9677)
contains.

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Color

**XYZ(26.7187, 35.7253,
42.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	5CAFA7
RGB	92, 175, 167
RGB Percent	36%, 69%, 65%
CMY	0.6392, 0.3137, 0.3451
CMYK	0.47, 0.00, 0.05, 0.31
HSL	174°, 34%, 52%
HSV	174°, 47%, 69%
XYZ	26.7187, 35.7253, 42.0467
YIQ	149.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

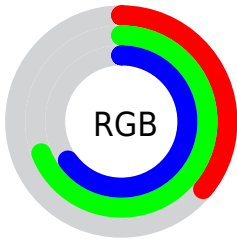
Format	Color
R_{YB}	92, 136, 175
Decimal	6074279
CIE _{Lab}	66.31, -27.24, -3.73
CIE _{LCh}	66, 27.498, 187.795
Yxy	35.7253, 0.2557, 0.3419
Android (android.graphics.Color)	4284264359 (0xFF5CAFA7)
YUV	149.2710, 8.7404, -50.2267
Hunter-Lab	59.7706, -24.8055, 0.1309

Details

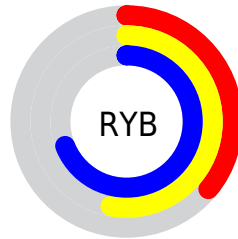
The XYZ color **26.7187, 35.7253, 42.0467** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8079, 17.6894, 14.2176**, and the grayscale version is **28.6606, 30.1532, 32.8368**.

A 20% lighter version of the original color is **53.9735, 68.7217, 79.5271**, and **10.6812, 15.4802, 18.6447** is the 20% darker color. If you saturate the color by 10%, you get **25.0137, 34.8651, 41.1587**, and if you desaturate by 10%, it is **28.8316, 36.7973, 42.9660**.

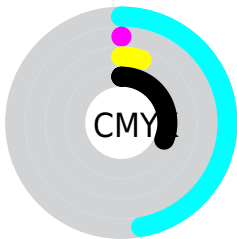
Distribution



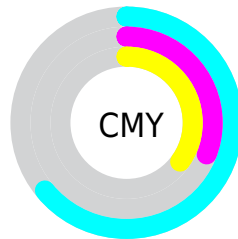
- Red (36%)
- Green (69%)
- Blue (65%)



- Red (36%)
- Yellow (53%)
- Blue (69%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7187, 35.7253, 42.0467 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 26.7187, 35.7253, 42.0467 by changing the saturation by 10% instead.

■ 26.7187, 35.7253,
42.0467

■ 26.7187, 35.7253,
42.0467

278.4850,
327.7583, 370.4819

■ 17.4976, 24.2221,
28.8120

■ 53.8552, 68.6079,
79.5412

■ 10.6874, 15.4985,
18.6943

■ 72.5013, 90.7560,
104.6380

■ 5.9228, 9.1700,
11.2750

■ 95.0198, 117.2213,
134.5260

■ 2.8384, 4.8522,
6.1356

■ 121.7760,
148.3881, 169.6236

■ 1.0689, 2.1608,
2.8576

153.1352,
184.6408, 210.3495

■ 0.0000, 0.6985,
1.0224

189.4629,

■ 0.0000, 0.0000,

226.3638, 257.1222

0.0000

231.1244,
273.9415, 310.3601

■ 26.7187, 35.7253,
42.0467

■ 26.7187, 35.7253,
42.0467

■ 25.0137, 34.8651,
41.1587

■ 28.8316, 36.7973,
42.9660

■ 23.6853, 34.1980,
40.2982

■ 31.3749, 38.0900,
43.9153

■ 22.7027, 33.7088,
39.4643

■ 34.3729, 39.6169,
44.8965

■ 22.0288, 33.3787,
38.6554

■ 37.8475, 41.3893,
45.9109

■ 21.6073, 33.1783,
37.8688

■ 41.8188, 43.4175,
46.9592

■ 21.5135, 33.1343,
37.6688

■ 46.3062, 45.7115,
48.0425

■ 51.3276, 48.2805,
49.1617

■ 56.9004, 51.1336,
50.3176

■ 63.0410, 54.2791,
51.5109

Harmonies

Analogous

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



27.1580, 35.7253, 30.9636



26.7187, 35.7253, 42.0467



28.0911, 35.7253, 54.4666

Triad

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



26.7187, 35.7253, 42.0467



39.0278, 35.7253, 59.6425



37.0280, 35.7253, 21.4950

Complementary

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



26.7187, 35.7253, 42.0467



23.8079, 17.6894, 14.2176

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.



40.5848, 35.7253, 26.6219



26.7187, 35.7253, 42.0467



41.8027, 35.7253, 48.0855

Square

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



26.7187, 35.7253, 42.0467



35.0379, 35.7253, 65.8777



42.3943, 35.7253, 35.9120



32.8963, 35.7253, 20.5215

Rectangle

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



26.7187, 35.7253, 42.0467



29.9193, 35.7253, 61.3399



42.3943, 35.7253, 35.9120



38.3399, 35.7253, 22.7314

Sweetspot

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



26.7197, 35.7267, 42.0475



63.4461, 71.9122, 80.9771



22.5517, 34.1606, 15.5311



13.8201, 15.8397, 17.9132



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7197, 35.7267, 42.0475



44.6470, 62.3642, 73.6237



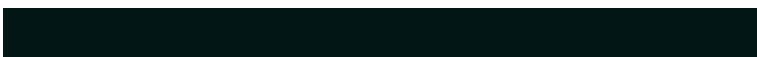
21.7959, 24.6583, 44.1698



8.2025, 9.0586, 10.0916



15.4184, 23.7326, 27.0405



0.4383, 0.6640, 0.8018

Inverse Universe

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



23.8079, 17.6894, 14.2176



38.8098, 26.1084, 17.7629



26.9712, 24.6059, 13.4539



8.0355, 8.0274, 8.4975



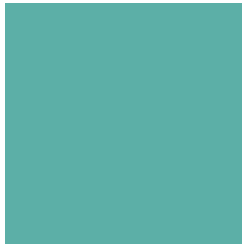
12.7434, 6.5599, 1.0282



0.3643, 0.1864, 0.0803

Previews

White Background



This preview shows how the XYZ color 26.7187, 35.7253, 42.0467 looks on a white background.

Color Contrast Check

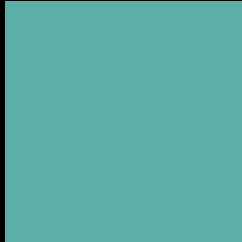
Large Text (above 18pt) WCAG AA × Fail

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 26.7187, 35.7253, 42.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

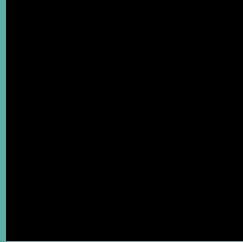
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.7187, 35.7253, 42.0467

Background



This preview shows how black text looks on a background with the XYZ color 26.7187, 35.7253, 42.0467.

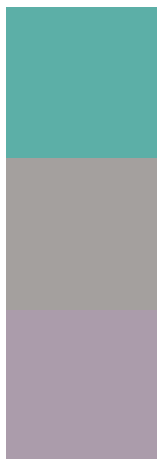


This preview shows how white text looks on a background with the XYZ color 26.7187, 35.7253,

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

26.7187, 35.7253, 42.0467

Protanopia

34.0522, 35.5027, 37.4057

Deuteranopia

36.0337, 35.3751, 43.4570



Tritanopia

28.6525, 35.6469, 51.8248

Trichromacy



Original Color

26.7187, 35.7253, 42.0467

Protanomaly

30.3694, 34.8867, 38.8514

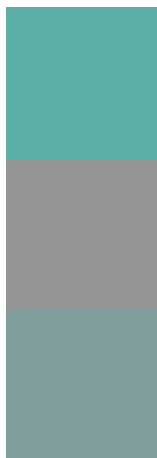
Deuteranomaly

31.5082, 34.8474, 43.0958

Tritanomaly

27.9041, 35.6286, 48.0541

Monochromacy



Original Color

26.7187, 35.7253, 42.0467

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.1297, 31.4432, 36.0917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7187, 35.7253, 42.0467 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(92, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(92, 175, 167)  
}
```

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(92, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 175, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.7187, 35.7253, 42.0467 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(92, 175, 167) }
```


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

```
.border{ border-color:rgb(92, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(92, 175,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7187, 35.7253, 42.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 175, 167) }
```

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

```
.background{ background-color: rgb(92, 175,  
167) }
```

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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