

Converting Colors

XYZ(26.4117, 32.1802, 50.7187)

Have a look what the booklet for
XYZ(26.4117, 32.1802, 50.7187)
contains.

XYZ(26.5466, 32.3809, 50.7499)	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(26.5466, 32.3809,
50.7499)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA4B9
RGB	93, 164, 185
RGB Percent	36%, 64%, 73%
CMY	0.6353, 0.3569, 0.2745
CMYK	0.50, 0.11, 0.00, 0.27
HSL	194°, 40%, 55%
HSV	194°, 50%, 73%
XYZ	26.5466, 32.3809, 50.7499
YIQ	145.1650, -49.0570, -8.5210

Conversions

Conversions Part 2

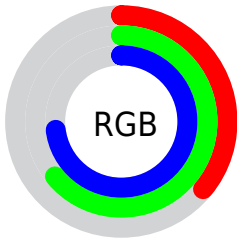
Format	Color
R_{YB}	93, 133, 185
Decimal	6137017
CIE _{Lab}	63.66, -16.51, -17.73
CIE _{LCh}	64, 24.228, 227.034
Yxy	32.3809, 0.2420, 0.2952
Android (android.graphics.Color)	4284327097 (0xFF5DA4B9)
YUV	145.1650, 19.6387, -45.7487
Hunter-Lab	56.9042, -16.3097, -13.0447

Details

The XYZ color **26.5466, 32.3809, 50.7499** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.0013, 23.1398, 13.3474**, and the grayscale version is **26.9185, 28.3204, 30.8409**.

A 20% lighter version of the original color is **53.6031, 63.4035, 92.6320**, and **10.5862, 13.5776, 23.8926** is the 20% darker color. If you saturate the color by 10%, you get **24.1528, 30.0442, 50.4256**, and if you desaturate by 10%, it is **29.4205, 35.0037, 51.1053**.

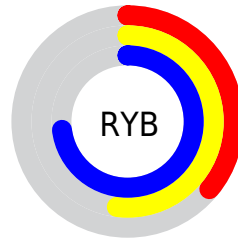
Distribution



Red (36%)

Green (64%)

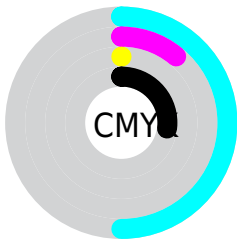
Blue (73%)



Red (36%)

Yellow (52%)

Blue (73%)

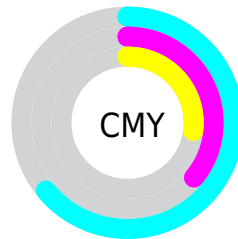


Cyan (50%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5466, 32.3809, 50.7499 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 26.5466, 32.3809, 50.7499 by changing the saturation by 10% instead.

■ 26.5466, 32.3809,
50.7499

■ 26.5466, 32.3809,
50.7499

277.6628,
312.8507, 406.4101

■ 17.3678, 21.6526,
35.6343

■ 53.5805, 63.4077,
92.6927

■ 10.5940, 13.6019,
23.8644

■ 72.1663, 84.4751,
120.3569

■ 5.8598, 7.8443,
15.0218

■ 94.6185, 109.7575,
153.0411

■ 2.7999, 3.9955,
8.6879

■ 121.3025,
139.6395, 191.1638

■ 1.0488, 1.6710,
4.4442

152.5835,
174.5055, 235.1435

■ 0.0000, 0.4048,
1.8720

188.8270,

■ 0.0000, 0.0000,

214.7397, 285.3987

0.4748

230.3983,
260.7267, 342.3481

■ 0.0000, 0.0000,
0.0000

■ 26.5466, 32.3809,
50.7499

■ 26.5466, 32.3809,
50.7499

■ 24.1528, 30.0442,
50.4256

■ 29.4205, 35.0037,
51.1053

■ 22.2025, 27.9724,
50.1285

■ 32.8015, 37.9249,
51.4909

■ 20.6588, 26.1468,
49.8575

■ 36.7184, 41.1602,
51.9089

■ 19.4769, 24.5437,
49.6104

■ 41.1965, 44.7231,
52.3606

■ 18.5693, 23.1180,
49.3830

■ 46.2597, 48.6264,
52.8472

■ 18.5458, 23.0803,
49.3770

■ 51.9306, 52.8818,
53.3697

■ 58.2303, 57.5007,
53.9292

■ 65.1789, 62.4937,
54.5267

■ 71.1191, 67.0068,
55.0847

Harmonies

Analogous

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



24.9584, 32.3809, 41.0107



26.5466, 32.3809, 50.7499



29.3382, 32.3809, 56.7461

Triad

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



26.5466, 32.3809, 50.7499



37.5729, 32.3809, 39.6119



28.9077, 32.3809, 20.2565

Complementary

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



26.5466, 32.3809, 50.7499



28.0013, 23.1398, 13.3474

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.



32.2622, 32.3809, 20.0205



26.5466, 32.3809, 50.7499



37.4363, 32.3809, 30.0689

Square

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



26.5466, 32.3809, 50.7499



35.7951, 32.3809, 49.5653



35.4347, 32.3809, 23.2899



26.2514, 32.3809, 24.0075

Rectangle

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



26.5466, 32.3809, 50.7499



31.5818, 32.3809, 57.2079



35.4347, 32.3809, 23.2899



29.9861, 32.3809, 19.7915

Sweetspot

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



26.5476, 32.3821, 50.7507



69.2298, 76.5032, 93.3224



24.8408, 38.2165, 21.6713



14.5703, 16.2091, 20.0823



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.5476, 32.3821, 50.7507



42.7771, 53.3181, 90.2414



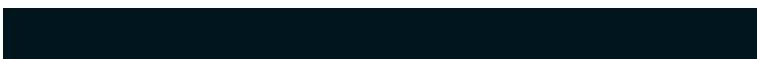
19.8768, 19.0404, 48.5270



9.0882, 9.8536, 11.5024



12.6847, 15.8291, 33.6398



0.4904, 0.6445, 1.2003

Inverse Universe

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



30.6236, 20.8242, 37.5288



51.2524, 31.3155, 62.2936



34.3708, 35.8788, 15.4706



9.2909, 9.1267, 10.8790



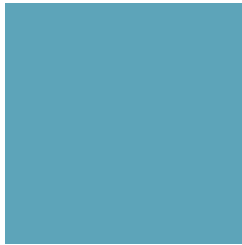
17.0163, 8.3803, 18.5047



0.6217, 0.3042, 0.7673

Previews

White Background



This preview shows how the XYZ color 26.5466, 32.3809, 50.7499 looks on a white background.

Color Contrast Check

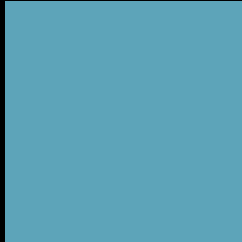
Large Text (above 18pt) WCAG AA × Fail

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 26.5466, 32.3809, 50.7499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

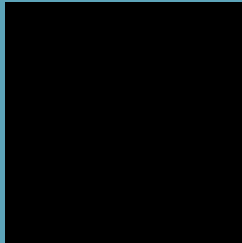
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5466, 32.3809, 50.7499

Background



This preview shows how black text looks on a background with the XYZ color 26.5466, 32.3809, 50.7499.



This preview shows how white text looks on a background with the XYZ color 26.5466, 32.3809,

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

26.5466, 32.3809, 50.7499

Protanopia

31.5585, 32.0204, 46.1122

Deuteranopia

32.7459, 32.0228, 52.0321



Tritanopia

25.8054, 32.3488, 47.0033

Trichromacy



Original Color

26.5466, 32.3809, 50.7499

Protanomaly

29.1799, 31.7393, 47.7684

Deuteranomaly

29.8969, 31.7764, 51.5714

Tritanomaly

26.2093, 32.5218, 48.6120

Monochromacy



Original Color

26.5466, 32.3809, 50.7499

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1776, 29.4302, 37.5586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5466, 32.3809, 50.7499 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(93, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(93, 164, 185)  
}
```

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(93, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 164, 185) }
```

Border

The CSS property to change the border of an element to XYZ 26.5466, 32.3809, 50.7499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

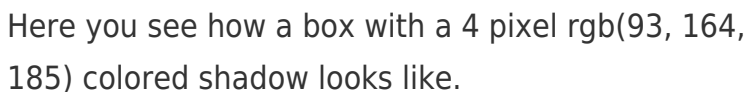
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 164, 185) }
```


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

```
.border{ border-color:rgb(93, 164, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 164, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 164, 185); box-shadow:4px 4px 4px 4px rgb(93, 164, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5466, 32.3809, 50.7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 164, 185) }
```

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

```
.background{ background-color: rgb(93, 164,  
185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor