

Converting Colors

XYZ(25.0829, 29.6767, 52.3668)

Have a look what the booklet for
XYZ(25.0829, 29.6767, 52.3668)
contains.

XYZ(25.1728, 29.8143, 52.5721)	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(25.1728, 29.8143,
52.5721)**

Conversions

Conversions Part 1

Format	Color
Hex	579DBD
RGB	87, 157, 189
RGB Percent	34%, 62%, 74%
CMY	0.6588, 0.3843, 0.2588
CMYK	0.54, 0.17, 0.00, 0.26
HSL	199°, 44%, 54%
HSV	199°, 54%, 74%
XYZ	25.1728, 29.8143, 52.5721
YIQ	139.7180, -51.9920, -4.8880

Conversions

Conversions Part 2

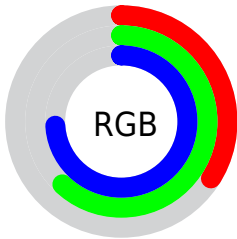
Format	Color
R_{YB}	87, 129, 189
Decimal	5742013
CIE _{Lab}	61.49, -12.93, -23.29
CIE _{LCh}	61, 26.640, 240.967
Yxy	29.8143, 0.2340, 0.2772
Android (android.graphics.Color)	4283932093 (0xFF579DBD)
YUV	139.7180, 24.2960, -46.2337
Hunter-Lab	54.6025, -13.2624, -18.8636

Details

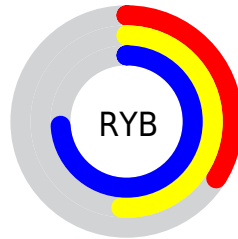
The XYZ color **25.1728, 29.8143, 52.5721** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **29.3043, 24.7018, 12.2414**, and the grayscale version is **24.7421, 26.0306, 28.3474**.

A 20% lighter version of the original color is **51.3526, 59.5192, 95.1680**, and **9.9072, 12.2451, 25.1339** is the 20% darker color. If you saturate the color by 10%, you get **22.6550, 27.0636, 52.1744**, and if you desaturate by 10%, it is **28.2031, 32.9027, 53.0091**.

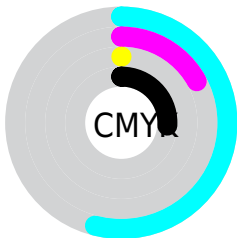
Distribution



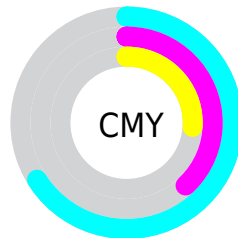
- Red (34%)
- Green (62%)
- Blue (74%)



- Red (34%)
- Yellow (51%)
- Blue (74%)



- Cyan (54%)
- Magenta (17%)
- Yellow (0%)
- Black (26%)



- Cyan (66%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1728, 29.8143, 52.5721 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 25.1728, 29.8143, 52.5721 by changing the saturation by 10% instead.

■ 25.1728, 29.8143,
52.5721

■ 25.1728, 29.8143,
52.5721

271.0292,
301.0379, 413.6609

■ 16.3353, 19.6977,
37.0759

■ 51.3783, 59.3684,
95.4096

■ 9.8541, 12.1755,
24.9700

■ 69.4770, 79.5746,
123.5879

■ 5.3638, 6.8633,
15.8359

■ 91.3934, 103.9129,
156.8308

■ 2.4992, 3.3768,
9.2550

■ 117.4929,
132.7675, 195.5566

■ 0.8949, 1.3314,
4.8088

148.1409,
166.5229, 240.1840

■ 0.0000, 0.1654,
2.0788

183.7027,

■ 0.0000, 0.0000,

205.5636, 291.1315

0.6031

224.5437,
250.2737, 348.8176

■ 0.0000, 0.0000,
0.0000

■ 25.1728, 29.8143,
52.5721

■ 25.1728, 29.8143,
52.5721

■ 22.6550, 27.0636,
52.1744

■ 28.2031, 32.9027,
53.0091

■ 20.6093, 24.6269,
51.8119

■ 31.7767, 36.3439,
53.4849

■ 18.9934, 22.4821,
51.4831

■ 35.9249, 40.1555,
54.0020

■ 17.7554, 20.6012,
51.1853

■ 40.6761, 44.3532,
54.5618

■ 17.1291, 19.5615,
51.0176

■ 46.0564, 48.9513,
55.1658

■ 52.0905, 53.9636,
55.8152

■ 58.8015, 59.4028,
56.5114

■ 66.2117, 65.2812,
57.2555

■ 73.5628, 71.2090,
58.0122

Harmonies

Analogous

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



22.9124, 29.8143, 43.5140



25.1728, 29.8143, 52.5721



28.4521, 29.8143, 56.0054

Triad

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



25.1728, 29.8143, 52.5721



35.6717, 29.8143, 32.1362



24.9902, 29.8143, 18.4970

Complementary

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



25.1728, 29.8143, 52.5721



29.3043, 24.7018, 12.2414

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.



28.2234, 29.8143, 16.6610



25.1728, 29.8143, 52.5721



34.5580, 29.8143, 23.4615

Square

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



25.1728, 29.8143, 52.5721



34.6887, 29.8143, 42.8278



31.7571, 29.8143, 18.2728



22.8133, 29.8143, 23.9214

Rectangle

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



25.1728, 29.8143, 52.5721



30.8336, 29.8143, 54.1802



31.7571, 29.8143, 18.2728



25.9801, 29.8143, 17.4970

Sweetspot

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



25.1738, 29.8154, 52.5728



70.8034, 77.6515, 97.4827



25.3753, 39.7207, 23.3459



14.8416, 16.3610, 20.9183



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.1738, 29.8154, 52.5728



39.7475, 47.5201, 93.3036



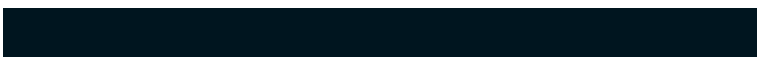
18.4164, 16.3006, 50.3204



9.5492, 10.2908, 12.1552



11.5956, 13.3030, 34.3495



0.5102, 0.6332, 1.3642

Inverse Universe

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



30.4811, 20.0706, 34.1668



50.7255, 29.9158, 54.6594



36.8210, 39.7352, 14.7470



9.7991, 9.6439, 11.3310



16.8537, 8.3726, 15.0551



0.6885, 0.3393, 0.7387

Previews

White Background



This preview shows how the XYZ color 25.1728, 29.8143, 52.5721 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1728, 29.8143, 52.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

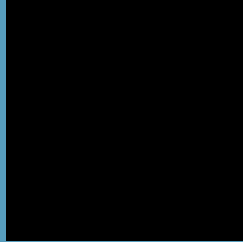
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1728, 29.8143, 52.5721

Background



This preview shows how black text looks on a background with the XYZ color 25.1728, 29.8143, 52.5721.



This preview shows how white text looks on a background with the XYZ color 25.1728, 29.8143,

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

25.1728, 29.8143, 52.5721

Protanopia

29.4346, 29.4694, 47.8529

Deuteranopia

30.2873, 29.5455, 53.9757



Tritanopia

23.5070, 29.9081, 44.0691

Trichromacy



Original Color

25.1728, 29.8143, 52.5721

Protanomaly

27.4432, 29.3383, 49.5639

Deuteranomaly

27.8971, 29.2495, 53.4656

Tritanomaly

24.1021, 29.8899, 47.1468

Monochromacy



Original Color

25.1728, 29.8143, 52.5721

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3356, 27.0913, 36.2943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1728, 29.8143, 52.5721 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(87, 157, 189)` looks like.

```
.text, #text, p{  
    color:rgb(87, 157, 189)  
}
```

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(87, 157, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 157, 189) }
```

Border

The CSS property to change the border of an element to XYZ 25.1728, 29.8143, 52.5721 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(87, 157, 189) }
```


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

```
.border{ border-color:rgb(87, 157, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 157, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 157, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 157, 189);  
box-shadow:4px 4px 4px 4px rgb(87, 157,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1728, 29.8143, 52.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 157, 189) }
```

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

```
.background{ background-color: rgb(87, 157,  
189) }
```

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