

Converting Colors

XYZ(22.9814, 25.9384, 46.4432)

Have a look what the booklet for
XYZ(22.9814, 25.9384, 46.4432)
contains.

XYZ(22.9814, 25.9384, 46.4432)	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(22.9814, 25.9384,
46.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	5F91B3
RGB	95, 145, 179
RGB Percent	37%, 57%, 70%
CMY	0.6274, 0.4314, 0.2980
CMYK	0.47, 0.19, 0.00, 0.30
HSL	204°, 36%, 54%
HSV	204°, 47%, 70%
XYZ	22.9814, 25.9384, 46.4432
YIQ	133.9260, -40.7140, -0.0260

Conversions

Conversions Part 2

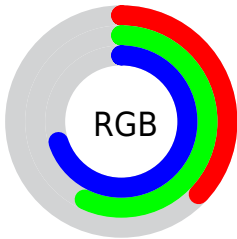
Format	Color
R _Y B	95, 126, 179
Decimal	6263219
CIE Lab	57.98, -7.38, -23.00
CIE LCh	58, 24.157, 252.213
Yxy	25.9384, 0.2410, 0.2720
Android (android.graphics.Color)	4284453299 (0xFF5F91B3)
YUV	133.9260, 22.2215, -34.1381
Hunter-Lab	50.9298, -8.5812, -18.4161

Details

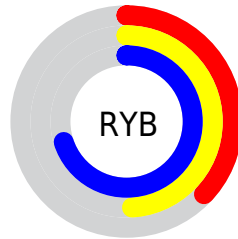
The XYZ color **22.9814, 25.9384, 46.4432** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.5069, 26.1111, 14.3648**, and the grayscale version is **22.5653, 23.7404, 25.8533**.

A 20% lighter version of the original color is **47.8132, 53.2346, 86.3525**, and **8.6948, 10.1221, 21.2342** is the 20% darker color. If you saturate the color by 10%, you get **20.2594, 22.9442, 46.0092**, and if you desaturate by 10%, it is **26.2029, 29.2960, 46.9220**.

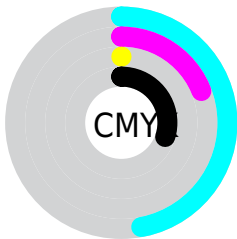
Distribution



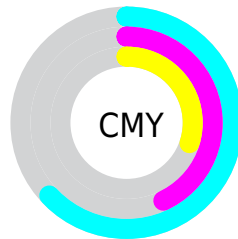
- Red (37%)
- Green (57%)
- Blue (70%)



- Red (37%)
- Yellow (49%)
- Blue (70%)



- Cyan (47%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (63%)
- Magenta (43%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9814, 25.9384, 46.4432 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 22.9814, 25.9384, 46.4432 by changing the saturation by 10% instead.

■ 22.9814, 25.9384,
46.4432

■ 22.9814, 25.9384,
46.4432

260.1666,
282.4796, 388.9168

■ 14.7004, 16.7776,
32.2445

■ 47.8297, 53.1756,
86.2232

■ 8.6943, 10.0760,
21.2820

■ 65.1276, 72.0207,
112.6415

■ 4.5979, 5.4494,
13.1370

■ 86.1620, 94.8626,
143.9702

■ 2.0456, 2.5133,
7.3911

■ 111.2980,
122.0859, 180.6276

■ 0.6594, 0.8833,
3.6258

140.9012,
154.0748, 223.0325

■ 0.0000, 0.0000,
1.4224

175.3367,

■ 0.0000, 0.0000,

191.2138, 271.6033

0.1591

214.9701,
233.8873, 326.7586

■ 0.0000, 0.0000,
0.0000

■ 22.9814, 25.9384,
46.4432

■ 22.9814, 25.9384,
46.4432

■ 20.2594, 22.9442,
46.0092

■ 26.2029, 29.2960,
46.9220

■ 18.0034, 20.2926,
45.6163

■ 29.9495, 33.0305,
47.4453

■ 16.1795, 17.9647,
45.2631

■ 34.2480, 37.1580,
48.0155

■ 14.7474, 15.9375,
44.9473

■ 39.1224, 41.6927,
48.6338

■ 13.6505, 14.1799,
44.6659

■ 44.5952, 46.6481,
49.3019

■ 13.3476, 13.6764,
44.5846

■ 50.6879, 52.0368,
50.0209

■ 57.4207, 57.8709,
50.7921

■ 64.8127, 64.1620,
51.6168

■ 72.4750, 70.7111,
52.4771

Harmonies

Analogous

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



20.7323, 25.9384, 40.4542



22.9814, 25.9384, 46.4432



25.8581, 25.9384, 47.0081

Triad

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



22.9814, 25.9384, 46.4432



30.5453, 25.9384, 24.9820



21.0774, 25.9384, 17.9468

Complementary

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



22.9814, 25.9384, 46.4432



28.5069, 26.1111, 14.3648

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.



23.4872, 25.9384, 15.2830



22.9814, 25.9384, 46.4432



29.0407, 25.9384, 18.7747

Square

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



22.9814, 25.9384, 46.4432



30.3830, 25.9384, 33.4334



26.4052, 25.9384, 15.5528



19.6941, 25.9384, 23.6188

Rectangle

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



22.9814, 25.9384, 46.4432



27.7627, 25.9384, 44.1107



26.4052, 25.9384, 15.5528



21.7859, 25.9384, 16.7253

Sweetspot

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



22.9823, 25.9394, 46.4438



63.5811, 68.6596, 86.2827



24.7760, 36.2481, 26.3214



13.6897, 14.8387, 19.0649



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.9823, 25.9394, 46.4438



36.2747, 41.0818, 82.3989



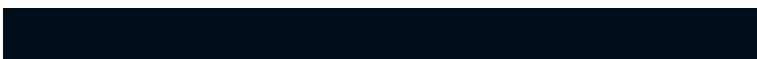
17.7469, 15.4687, 44.6987



8.4484, 9.0430, 10.8065



9.4971, 9.7945, 31.5270



0.3543, 0.4191, 1.0105

Inverse Universe

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



27.7942, 19.8133, 29.1485



46.2389, 29.9600, 46.2342



35.1440, 39.3855, 16.5772



8.7015, 8.5873, 9.9266



15.0283, 7.5289, 10.5751



0.5008, 0.2481, 0.4801

Previews

White Background



This preview shows how the XYZ color 22.9814, 25.9384, 46.4432 looks on a white background.

Color Contrast Check

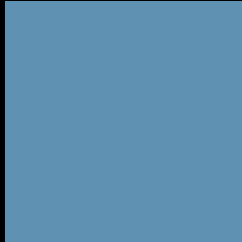
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9814, 25.9384, 46.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

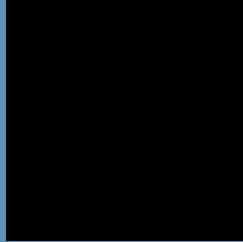
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9814, 25.9384, 46.4432

Background



This preview shows how black text looks on a background with the XYZ color 22.9814, 25.9384, 46.4432.

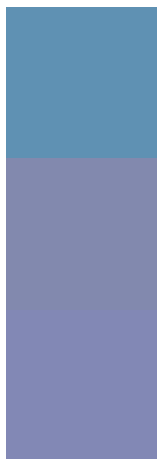


This preview shows how white text looks on a background with the XYZ color 22.9814, 25.9384,

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

22.9814, 25.9384, 46.4432

Protanopia

25.7916, 25.6931, 43.6443

Deuteranopia

26.3506, 25.6903, 47.2860



Tritanopia

21.0549, 25.8417, 37.1359

Trichromacy



Original Color

22.9814, 25.9384, 46.4432

Protanomaly

24.5507, 25.6727, 44.7357

Deuteranomaly

24.8070, 25.5424, 46.8027

Tritanomaly

21.7232, 25.8816, 40.4099

Monochromacy



Original Color

22.9814, 25.9384, 46.4432

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3392, 24.3720, 32.3810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9814, 25.9384, 46.4432 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(95, 145, 179)` looks like.

```
.text, #text, p{  
    color:rgb(95, 145, 179)  
}
```

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(95, 145, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 179) }
```

Border

The CSS property to change the border of an element to XYZ 22.9814, 25.9384, 46.4432 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(95, 145, 179) }
```


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

```
.border{ border-color:rgb(95, 145, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 145, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 145, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 145, 179);  
box-shadow:4px 4px 4px 4px rgb(95, 145,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9814, 25.9384, 46.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 145, 179) }
```

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

```
.background{ background-color: rgb(95, 145,  
179) }
```

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