

Converting Colors

XYZ(22.0009, 25.9814, 42.3834)

Have a look what the booklet for
XYZ(22.0009, 25.9814, 42.3834)
contains.

XYZ(22.0009, 25.9814, 42.3834)	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(22.0009, 25.9814,
42.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	5A93AB
RGB	90, 147, 171
RGB Percent	35%, 58%, 67%
CMY	0.6470, 0.4235, 0.3294
CMYK	0.47, 0.14, 0.00, 0.33
HSL	198°, 33%, 51%
HSV	198°, 47%, 67%
XYZ	22.0009, 25.9814, 42.3834
YIQ	132.6930, -41.6760, -4.6200

Conversions

Conversions Part 2

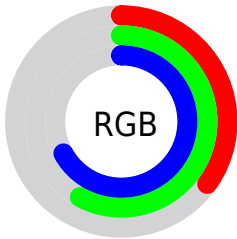
Format	Color
R_{YB}	90, 123, 171
Decimal	5936043
CIE _{Lab}	58.02, -12.05, -18.41
CIE _{LCh}	58, 22.003, 236.795
Yxy	25.9814, 0.2435, 0.2875
Android (android.graphics.Color)	4284126123 (0xFF5A93AB)
YUV	132.6930, 18.8854, -37.4418
Hunter-Lab	50.9720, -12.1554, -13.6195

Details

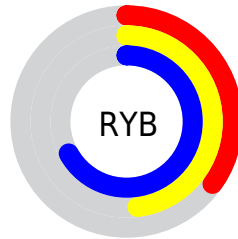
The XYZ color **22.0009, 25.9814, 42.3834** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6580, 21.4315, 12.5108**, and the grayscale version is **22.1280, 23.2804, 25.3523**.

A 20% lighter version of the original color is **46.1157, 53.1936, 79.7883**, and **8.1723, 10.0377, 18.9595** is the 20% darker color. If you saturate the color by 10%, you get **19.7546, 23.6800, 42.0580**, and if you desaturate by 10%, it is **24.6662, 28.5515, 42.7395**.

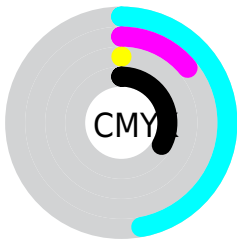
Distribution



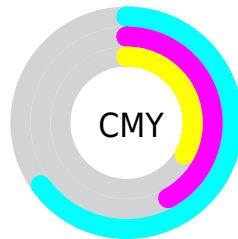
- Red (35%)
- Green (58%)
- Blue (67%)



- Red (35%)
- Yellow (48%)
- Blue (67%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0009, 25.9814, 42.3834 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 22.0009, 25.9814, 42.3834 by changing the saturation by 10% instead.

■ 22.0009, 25.9814,
42.3834

■ 22.0009, 25.9814,
42.3834

255.1832,
282.6908, 371.9163

■ 13.9742, 16.8097,
29.0738

■ 46.2263, 53.2449,
80.0559

■ 8.1843, 10.0989,
18.8906

■ 63.1557, 72.1056,
105.2559

■ 4.2659, 5.4646,
11.4152

■ 83.7834, 94.9647,
135.2564

■ 1.8536, 2.5224,
6.2292

■ 108.4747,
122.2066, 170.4761

■ 0.5497, 0.8878,
2.9139

137.5950,
154.2158, 211.3333

■ 0.0000, 0.0000,
1.0508

171.5096,

■ 0.0000, 0.0000,

191.3766, 258.2467

0.0000

210.5839,
234.0735, 311.6349

■ 22.0009, 25.9814,
42.3834

■ 22.0009, 25.9814,
42.3834

■ 19.7546, 23.6800,
42.0580

■ 24.6662, 28.5515,
42.7395

■ 17.8978, 21.6296,
41.7601

■ 27.7724, 31.4005,
43.1257

■ 16.4008, 19.8150,
41.4888

■ 31.3431, 34.5417,
43.5438

■ 15.2283, 18.2171,
41.2422

■ 35.3990, 37.9865,
43.9949

■ 14.3262, 16.8075,
41.0176

■ 39.9599, 41.7456,
44.4801

■ 14.1076, 16.4540,
40.9609

■ 45.0441, 45.8291,
45.0004

■ 50.6692, 50.2467,
45.5566

■ 56.8518, 55.0075,
46.1496

■ 63.6080, 60.1204,
46.7804

Harmonies

Analogous

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



20.4090, 25.9814, 35.4114



22.0009, 25.9814, 42.3834



24.4100, 25.9814, 45.5579

Triad

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



22.0009, 25.9814, 42.3834



30.1550, 25.9814, 29.1154



22.4622, 25.9814, 17.1352

Complementary

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



22.0009, 25.9814, 42.3834



24.6580, 21.4315, 12.5108

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.



24.9813, 25.9814, 16.0506



22.0009, 25.9814, 42.3834



29.5416, 25.9814, 22.1926

Square

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



22.0009, 25.9814, 42.3834



29.2209, 25.9814, 37.0830



27.5995, 25.9814, 17.7276



20.6616, 25.9814, 21.0089

Rectangle

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



22.0009, 25.9814, 42.3834



26.2004, 25.9814, 44.7368



27.5995, 25.9814, 17.7276



23.2475, 25.9814, 16.4661

Sweetspot

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



22.0017, 25.9824, 42.3840



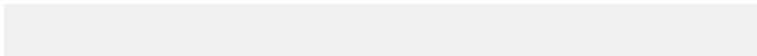
58.3037, 63.7266, 78.2294



21.7579, 32.4912, 20.7336



12.6735, 13.9296, 17.4084



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.0017, 25.9824, 42.3840



35.1454, 42.1603, 75.2873



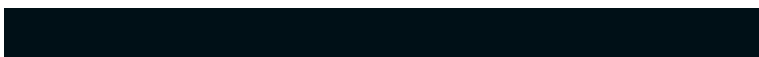
16.8832, 15.7453, 40.6778



8.0329, 8.6652, 10.2019



10.6823, 12.4985, 30.8940



0.3417, 0.4367, 0.8743

Inverse Universe

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



25.7180, 18.0777, 29.7387



42.8981, 27.2386, 48.5548



30.1057, 32.3269, 14.3267



8.2344, 8.1070, 9.5453



15.2556, 7.5648, 14.2573



0.4469, 0.2194, 0.5149

Previews

White Background



This preview shows how the XYZ color 22.0009, 25.9814, 42.3834 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 22.0009, 25.9814, 42.3834 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 22.0009, 25.9814, 42.3834

Background



This preview shows how black text looks on a background with the XYZ color 22.0009, 25.9814, 42.3834.



This preview shows how white text looks on a background with the XYZ color 22.0009, 25.9814,

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

22.0009, 25.9814, 42.3834

Protanopia

25.5529, 25.8801, 39.2459

Deuteranopia

26.3387, 25.7763, 43.1223



Tritanopia

21.1109, 26.0943, 37.6423

Trichromacy



Original Color

22.0009, 25.9814, 42.3834

Protanomaly

23.8360, 25.6217, 40.2484

Deuteranomaly

24.4322, 25.6567, 42.6942

Tritanomaly

21.4059, 25.9711, 39.4820

Monochromacy



Original Color

22.0009, 25.9814, 42.3834

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6911, 24.0654, 31.1056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0009, 25.9814, 42.3834 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(90, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 171)  
}
```

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(90, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 171) }
```

Border

The CSS property to change the border of an element to XYZ 22.0009, 25.9814, 42.3834 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(90, 147, 171) }
```


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

```
.border{ border-color:rgb(90, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 171);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0009, 25.9814, 42.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 171) }
```

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

```
.background{ background-color: rgb(90, 147,  
171) }
```

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