

Converting Colors

XYZ(13.9519, 14.3698, 25.4507)

Have a look what the booklet for
XYZ(13.9519, 14.3698, 25.4507)
contains.

XYZ(13.9124, 14.3098, 25.3214)	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(13.9124, 14.3098,
25.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6A88
RGB	91, 106, 136
RGB Percent	36%, 42%, 53%
CMY	0.6431, 0.5843, 0.4667
CMYK	0.33, 0.22, 0.00, 0.47
HSL	220°, 20%, 45%
HSV	220°, 33%, 53%
XYZ	13.9124, 14.3098, 25.3214
YIQ	104.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

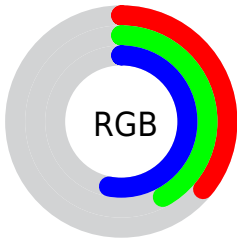
Format	Color
R_{YB}	91, 102, 136
Decimal	5991048
CIE _{Lab}	44.67, 1.98, -18.38
CIE _{LCh}	45, 18.487, 276.150
Yxy	14.3098, 0.2598, 0.2673
Android (android.graphics.Color)	4284181128 (0xFF5B6A88)
YUV	104.9350, 15.3150, -12.2210
Hunter-Lab	37.8283, -0.5512, -13.2076

Details

The XYZ color **13.9124, 14.3098, 25.3214** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.8794, 19.6647, 12.6987**, and the grayscale version is **13.3735, 14.0700, 15.3222**.

A 20% lighter version of the original color is **32.3976, 33.5388, 52.9102**, and **4.2399, 4.3134, 9.4132** is the 20% darker color. If you saturate the color by 10%, you get **11.8059, 11.9096, 24.9694**, and if you desaturate by 10%, it is **16.3617, 17.0340, 25.7184**.

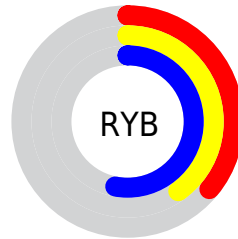
Distribution



Red (36%)

Green (42%)

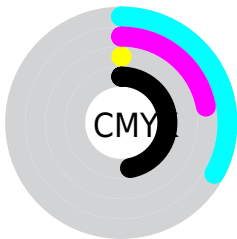
Blue (53%)



Red (36%)

Yellow (40%)

Blue (53%)

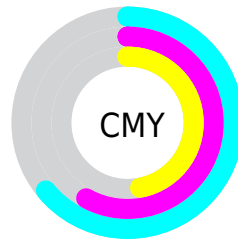


Cyan (33%)

Magenta (22%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9124, 14.3098, 25.3214 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 13.9124, 14.3098, 25.3214 by changing the saturation by 10% instead.

■ 13.9124, 14.3098,
25.3214

■ 13.9124, 14.3098,
25.3214

210.2067,
219.1497, 292.9335

■ 8.1411, 8.3365,
16.0955

■ 32.5211, 33.6377,
53.1487

■ 4.2379, 4.3110,
9.4367

■ 46.0891, 47.7611,
72.5872

■ 1.8376, 1.8490,
4.9264

■ 62.9868, 65.3699,
96.2669

■ 0.5402, 0.5174,
2.1462

■ 83.5794, 86.8486,
124.6065

■ 0.0000, 0.0000,
0.6430

108.2324,
112.5815, 158.0244

■ 0.0000, 0.0000,
0.0000

137.3110,

142.9530, 196.9391

171.1807,
178.3476, 241.7693

■ 13.9124, 14.3098,
25.3214

■ 13.9124, 14.3098,
25.3214

■ 11.8059, 11.9096,
24.9694

■ 16.3617, 17.0340,
25.7184

■ 10.0245, 9.8189,
24.6597

■ 19.1674, 20.0926,
26.1609

■ 8.5511, 8.0243,
24.3910

■ 22.3441, 23.4977,
26.6507

■ 7.3664, 6.5109,
24.1613

■ 25.9052, 27.2601,
27.1892

■ 6.4485, 5.2620,
23.9686

■ 29.8633, 31.3902,
27.7778

■ 5.7720, 4.2589,
23.8107

■ 34.2305, 35.8979,
28.4177

■ 5.3952, 3.6800,
23.7188

■ 39.0184, 40.7929,
29.1102

■ 44.2380, 46.0842,
29.8564

■ 49.9000, 51.7808,
30.6575

Harmonies

Analogous

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



12.4678, 14.3098, 24.4230



13.9124, 14.3098, 25.3214



15.3744, 14.3098, 23.2481

Triad

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



13.9124, 14.3098, 25.3214



16.0655, 14.3098, 11.1984



11.1299, 14.3098, 12.4739

Complementary

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



13.9124, 14.3098, 25.3214



18.8794, 19.6647, 12.6987

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.



11.9695, 14.3098, 9.8174



13.9124, 14.3098, 25.3214



14.8009, 14.3098, 9.1812

Square

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



13.9124, 14.3098, 25.3214



16.6750, 14.3098, 14.7126



13.2944, 14.3098, 8.7266



10.9302, 14.3098, 16.4828

Rectangle

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



13.9124, 14.3098, 25.3214



16.1398, 14.3098, 20.6499



13.2944, 14.3098, 8.7266



11.3435, 14.3098, 11.4178

Sweetspot

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



13.9129, 14.3104, 25.3217



35.3169, 37.0675, 46.3417



16.5243, 21.1950, 21.0695



8.0256, 8.4193, 10.7084



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



13.9129, 14.3104, 25.3217



21.5786, 21.8790, 44.1341



13.1956, 11.8431, 24.8833



4.9020, 5.1470, 6.3409



5.1142, 3.4987, 22.4515



0.0464, 0.0481, 0.1533

Inverse Universe

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



16.4964, 13.7576, 15.4222



26.9675, 21.0297, 23.4172



19.7842, 23.0507, 13.3046



5.0972, 5.0743, 5.6002



10.0682, 5.1374, 2.8636



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 13.9124, 14.3098, 25.3214 looks on a white 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

Black Background



This preview shows how the XYZ color 13.9124, 14.3098, 25.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

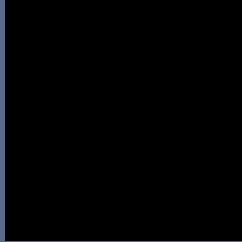
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.9124, 14.3098, 25.3214

Background



This preview shows how black text looks on a background with the XYZ color 13.9124, 14.3098, 25.3214.

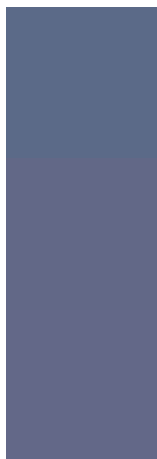


This preview shows how white text looks on a background with the XYZ color 13.9124, 14.3098,

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

13.9124, 14.3098, 25.3214

Protanopia

14.3605, 14.2466, 24.9147

Deuteranopia

14.5398, 14.3309, 25.2924



Tritanopia

12.6691, 14.2715, 19.2265

Trichromacy



Original Color

13.9124, 14.3098, 25.3214

Protanomaly

14.1441, 14.2853, 24.9335

Deuteranomaly

14.3194, 14.3675, 25.3110

Tritanomaly

13.0887, 14.2805, 21.4686

Monochromacy



Original Color

13.9124, 14.3098, 25.3214

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4595, 14.0734, 18.5300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9124, 14.3098, 25.3214 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(91, 106, 136) looks like.

```
.text, #text, p{  
    color:rgb(91, 106, 136)  
}
```

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(91, 106, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 106, 136) }
```

Border

The CSS property to change the border of an element to XYZ 13.9124, 14.3098, 25.3214 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(91, 106, 136) }
```


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

```
.border{ border-color:rgb(91, 106, 136) }
```

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

Here you see how a box with a 4 pixel rgb(91, 106, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 106, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 106, 136);  
box-shadow:4px 4px 4px 4px rgb(91, 106,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9124, 14.3098, 25.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 106, 136) }
```

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

```
.background{ background-color: rgb(91, 106,  
136) }
```

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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