

Converting Colors

XYZ(13.8329, 14.9896, 21.2342)

Have a look what the booklet for
XYZ(13.8329, 14.9896, 21.2342)
contains.

XYZ(13.8301, 14.9868, 21.2326)	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(13.8301, 14.9868,
21.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6E7C
RGB	94, 110, 124
RGB Percent	37%, 43%, 49%
CMY	0.6314, 0.5686, 0.5137
CMYK	0.24, 0.11, 0.00, 0.51
HSL	208°, 14%, 43%
HSV	208°, 24%, 49%
XYZ	13.8301, 14.9868, 21.2326
YIQ	106.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

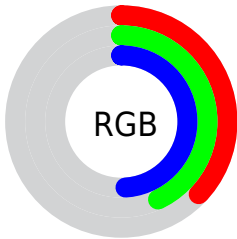
Format	Color
R_{YB}	94, 104, 124
Decimal	6188668
CIE _{Lab}	45.62, -2.60, -9.74
CIE _{LCh}	46, 10.085, 255.055
Yxy	14.9868, 0.2763, 0.2994
Android (android.graphics.Color)	4284378748 (0xFF5E6E7C)
YUV	106.8120, 8.4737, -11.2361
Hunter-Lab	38.7128, -3.9785, -5.4195

Details

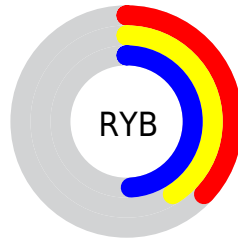
The XYZ color **13.8301, 14.9868, 21.2326** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6952, 15.8183, 12.8160**, and the grayscale version is **13.9035, 14.6276, 15.9295**.

A 20% lighter version of the original color is **32.5332, 35.0347, 46.6427**, and **4.2198, 4.6674, 7.3351** is the 20% darker color. If you saturate the color by 10%, you get **12.0554, 13.1755, 20.9768**, and if you desaturate by 10%, it is **15.8508, 16.9862, 21.5123**.

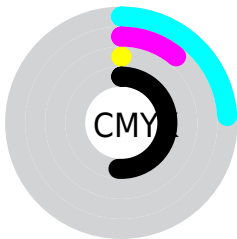
Distribution



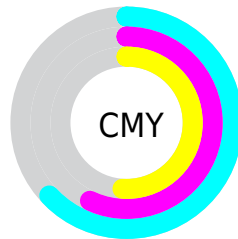
- Red (37%)
- Green (43%)
- Blue (49%)



- Red (37%)
- Yellow (41%)
- Blue (49%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8301, 14.9868, 21.2326 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 13.8301, 14.9868, 21.2326 by changing the saturation by 10% instead.

■ 13.8301, 14.9868,
21.2326

■ 13.8301, 14.9868,
21.2326

209.7031,
223.2863, 271.3336

■ 8.0835, 8.8101,
13.1012

■ 32.3761, 34.8300,
46.3601

■ 4.2007, 4.6175,
7.3667

■ 45.9061, 49.2654,
64.1934

■ 1.8163, 2.0247,
3.6106

■ 62.7614, 67.2224,
86.0977

■ 0.5275, 0.6217,
1.4142

■ 83.3072, 89.0854,
112.4915

■ 0.0000, 0.0000,
0.1528

107.9089,
115.2390, 143.7935

■ 0.0000, 0.0000,
0.0000

136.9319,

146.0674, 180.4222

170.7415,
181.9550, 222.7960

■ 13.8301, 14.9868,
21.2326

■ 13.8301, 14.9868,
21.2326

■ 12.0554, 13.1755,
20.9768

■ 15.8508, 16.9862,
21.5123

■ 10.5147, 11.5440,
20.7431

■ 18.1261, 19.1780,
21.8154

■ 9.1974, 10.0857,
20.5310

■ 20.6655, 21.5687,
22.1430

■ 8.0909, 8.7931,
20.3398

■ 23.4779, 24.1640,
22.4957

■ 7.1816, 7.6580,
20.1686

■ 26.5716, 26.9691,
22.8741

■ 6.4541, 6.6709,
20.0165

■ 29.9547, 29.9892,
23.2787

■ 5.8873, 5.8198,
19.8821

■ 33.6348, 33.2292,
23.7102

■ 5.5946, 5.3681,
19.8103

■ 37.6193, 36.6939,
24.1689

■ 41.9152, 40.3879,
24.6555

Harmonies

Analogous

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



13.1287, 14.9868, 19.8333



13.8301, 14.9868, 21.2326



14.6702, 14.9868, 21.2299

Triad

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



13.8301, 14.9868, 21.2326



15.8697, 14.9868, 15.1405



13.1266, 14.9868, 13.2503

Complementary

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



13.8301, 14.9868, 21.2326



15.6952, 15.8183, 12.8160

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.



13.8272, 14.9868, 12.2291



13.8301, 14.9868, 21.2326



15.4219, 14.9868, 13.2449

Square

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



13.8301, 14.9868, 21.2326



15.8705, 14.9868, 17.5462



14.6671, 14.9868, 12.2272



12.7335, 14.9868, 15.1487

Rectangle

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



13.8301, 14.9868, 21.2326



15.1970, 14.9868, 20.4257



14.6671, 14.9868, 12.2272



13.3327, 14.9868, 12.8018

Sweetspot

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



13.8306, 14.9874, 21.2329



30.6590, 32.5655, 38.2265



14.5042, 17.8674, 16.7328



7.1790, 7.6297, 8.9974



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.8306, 14.9874, 21.2329



22.5694, 24.5819, 37.1119



12.3919, 12.1100, 20.7534



3.9581, 4.2145, 5.0480



5.6847, 5.4518, 20.1380



26.2578, 24.2882, 95.7739

Inverse Universe

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



15.1297, 13.4166, 16.5448



25.3055, 21.4507, 27.1987



17.3539, 19.1357, 13.3689



4.0793, 4.0474, 4.6153



9.4527, 4.7572, 5.6748



44.6568, 22.5191, 24.7868

Previews

White Background



This preview shows how the XYZ color 13.8301, 14.9868, 21.2326 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 13.8301, 14.9868, 21.2326 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

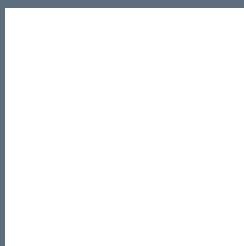
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8301, 14.9868, 21.2326

Background



This preview shows how black text looks on a background with the XYZ color 13.8301, 14.9868, 21.2326.



This preview shows how white text looks on a background with the XYZ color 13.8301, 14.9868,

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

13.8301, 14.9868, 21.2326

Protanopia

14.5962, 14.9238, 20.5236

Deuteranopia

15.1837, 14.8988, 21.4775



Tritanopia

13.5888, 15.0521, 19.9584

Trichromacy



Original Color

13.8301, 14.9868, 21.2326

Protanomaly

14.3045, 14.9219, 20.8652

Deuteranomaly

14.6683, 14.9391, 21.5125

Tritanomaly

13.6498, 15.0765, 20.2798

Monochromacy



Original Color

13.8301, 14.9868, 21.2326

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8227, 14.7422, 17.7398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8301, 14.9868, 21.2326 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(94, 110, 124) looks like.

```
.text, #text, p{  
    color:rgb(94, 110, 124)  
}
```

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(94, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 110, 124) }
```

Border

The CSS property to change the border of an element to XYZ 13.8301, 14.9868, 21.2326 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(94, 110, 124) }
```


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

```
.border{ border-color:rgb(94, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 110,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8301, 14.9868, 21.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 110, 124) }
```

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

```
.background{ background-color: rgb(94, 110,  
124) }
```

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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