

Converting Colors

XYZ(14.2317, 20.5428, 21.4438)

Have a look what the booklet for
XYZ(14.2317, 20.5428, 21.4438)
contains.

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Color

**XYZ(14.2594, 20.6579,
21.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	378B79
RGB	55, 139, 121
RGB Percent	22%, 55%, 47%
CMY	0.7843, 0.4549, 0.5255
CMYK	0.60, 0.00, 0.13, 0.45
HSL	167°, 43%, 38%
HSV	167°, 60%, 55%
XYZ	14.2594, 20.6579, 21.3250
YIQ	111.8320, -44.2860, -23.4060

Conversions

Conversions Part 2

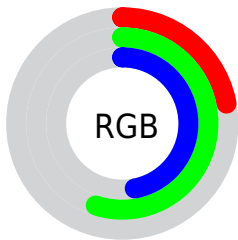
Format	Color
RYB	55, 102, 139
Decimal	3640185
CIELab	52.57, -29.89, 2.08
CIELCh	53, 29.967, 176.014
Yxy	20.6579, 0.2535, 0.3673
Android (android.graphics.Color)	4281830265 (0xFF378B79)
YUV	111.8320, 4.5198, -49.8417
Hunter-Lab	45.4510, -23.5381, 3.9976

Details

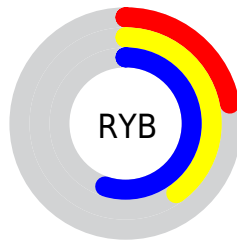
The XYZ color **14.2594, 20.6579, 21.3250** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.2170, 8.7031, 7.2875**, and the grayscale version is **15.3490, 16.1483, 17.5855**.

A 20% lighter version of the original color is **33.0432, 44.4721, 46.3776**, and **4.6923, 7.4605, 7.4960** is the 20% darker color. If you saturate the color by 10%, you get **13.4229, 20.2480, 20.3473**, and if you desaturate by 10%, it is **15.3172, 21.1823, 22.3434**.

Distribution



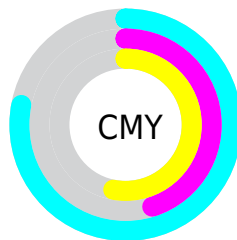
- Red (22%)
- Green (55%)
- Blue (47%)



- Red (22%)
- Yellow (40%)
- Blue (55%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (78%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2594, 20.6579, 21.3250 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 14.2594, 20.6579, 21.3250 by changing the saturation by 10% instead.

■ 14.2594, 20.6579,
21.3250

■ 14.2594, 20.6579,
21.3250

212.3171,
255.4548, 271.8382

■ 8.3842, 12.8742,
13.1682

■ 33.1310, 44.5175,
46.5156

■ 4.3956, 7.3420,
7.4124

■ 46.8582, 61.3621,
64.3865

■ 1.9283, 3.6769,
3.6390

■ 63.9333, 81.9959,
86.3325

■ 0.5932, 1.4945,
1.4295

■ 84.7219, 106.8031,
112.7722

■ 0.0000, 0.2849,
0.1645

■ 109.5892,
136.1682, 144.1240

■ 0.0000, 0.0000,
0.0000

138.9006,

170.4756, 180.8066

173.0215,
210.1097, 223.2385

■ 14.2594, 20.6579,
21.3250

■ 14.2594, 20.6579,
21.3250

■ 13.4229, 20.2480,
20.3473

■ 15.3172, 21.1823,
22.3434

■ 12.7873, 19.9405,
19.4077

■ 16.6111, 21.8272,
23.4022

■ 12.3316, 19.7250,
18.5055

■ 18.1564, 22.6011,
24.5027

■ 12.0048, 19.5746,
17.6739

■ 19.9668, 23.5110,
25.6458

■ 22.0549, 24.5633,
26.8324

■ 24.4325, 25.7642,
28.0632

■ 27.1106, 27.1194,
29.3391

■ 30.1000, 28.6343,
30.6608

■ 33.4105, 30.3141,
32.0288

Harmonies

Analogous

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



15.0875, 20.6579, 14.2230



14.2594, 20.6579, 21.3250



14.7419, 20.6579, 30.8593

Triad

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



14.2594, 20.6579, 21.3250



22.3722, 20.6579, 41.6304



23.1657, 20.6579, 11.0829

Complementary

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



14.2594, 20.6579, 21.3250



13.2170, 8.7031, 7.2875

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.



25.5055, 20.6579, 15.7945



14.2594, 20.6579, 21.3250



25.0145, 20.6579, 33.4719

Square

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



14.2594, 20.6579, 21.3250



19.2226, 20.6579, 44.2326



26.2151, 20.6579, 23.7028



20.0527, 20.6579, 9.3815

Rectangle

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



14.2594, 20.6579, 21.3250



15.7725, 20.6579, 37.1797



26.2151, 20.6579, 23.7028



24.0810, 20.6579, 12.2947

Sweetspot

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



14.2600, 20.6587, 21.3255



36.4768, 42.4656, 46.3523



12.6858, 20.1662, 6.8389



8.1925, 9.6781, 10.5545



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.2600, 20.6587, 21.3255



23.5222, 36.0090, 35.7293



12.3900, 14.9843, 26.6661



5.1277, 5.6706, 6.1936



10.8409, 17.6689, 15.9847



0.0773, 0.1195, 0.1341

Inverse Universe

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



13.2170, 8.7031, 7.2875



21.5081, 12.5555, 8.3494



14.1194, 11.3287, 5.0575



5.0739, 5.0650, 5.4776



9.8245, 5.0399, 1.5799



0.0698, 0.0353, 0.0345

Previews

White Background



This preview shows how the XYZ color 14.2594, 20.6579, 21.3250 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 14.2594, 20.6579, 21.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

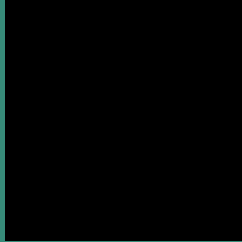
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2594, 20.6579, 21.3250

Background



This preview shows how black text looks on a background with the XYZ color 14.2594, 20.6579, 21.3250.

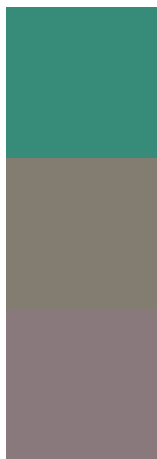


This preview shows how white text looks on a background with the XYZ color 14.2594, 20.6579,

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

14.2594, 20.6579, 21.3250

Protanopia

19.3942, 20.3534, 18.5292

Deuteranopia

20.8556, 20.4738, 22.2547



Tritanopia

16.0323, 20.5271, 30.3113

Trichromacy



Original Color

14.2594, 20.6579, 21.3250

Protanomaly

16.5962, 19.8450, 19.4788

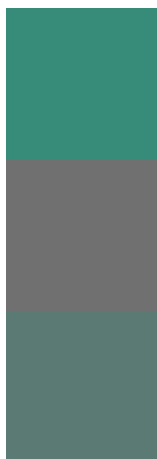
Deuteranomaly

17.4207, 20.0194, 22.0147

Tritanomaly

15.2440, 20.4066, 26.8023

Monochromacy



Original Color

14.2594, 20.6579, 21.3250

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.3684, 17.3810, 18.8172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2594, 20.6579, 21.3250 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(55, 139, 121)` looks like.

```
.text, #text, p{  
    color:rgb(55, 139, 121)  
}
```

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(55, 139, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 139, 121) }
```

Border

The CSS property to change the border of an element to XYZ 14.2594, 20.6579, 21.3250 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(55, 139, 121) }
```


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

```
.border{ border-color:rgb(55, 139, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 139, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 139, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 139, 121);  
box-shadow:4px 4px 4px 4px rgb(55, 139,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2594, 20.6579, 21.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 139, 121) }
```

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

```
.background{ background-color: rgb(55, 139,  
121) }
```

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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