

Converting Colors

XYZ(13.3060, 14.1076, 20.4345)

Have a look what the booklet for
XYZ(13.3060, 14.1076, 20.4345)
contains.

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Color

**XYZ(13.2830, 14.0929,
20.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6A7A
RGB	94, 106, 122
RGB Percent	37%, 42%, 48%
CMY	0.6314, 0.5843, 0.5216
CMYK	0.23, 0.13, 0.00, 0.52
HSL	214°, 13%, 42%
HSV	214°, 23%, 48%
XYZ	13.2830, 14.0929, 20.4325
YIQ	104.2360, -12.2880, 2.4320

Conversions

Conversions Part 2

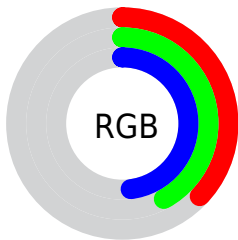
Format	Color
R_{YB}	94, 102, 122
Decimal	6187642
CIE _{Lab}	44.37, -0.73, -10.42
CIE _{LCh}	44, 10.449, 266.014
Yxy	14.0929, 0.2778, 0.2948
Android (android.graphics.Color)	4284377722 (0xFF5E6A7A)
YUV	104.2360, 8.7577, -8.9770
Hunter-Lab	37.5405, -2.5370, -5.9919

Details

The XYZ color **13.2830, 14.0929, 20.4325** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6225, 16.0977, 12.8738**, and the grayscale version is **13.2013, 13.8888, 15.1249**.

A 20% lighter version of the original color is **31.3740, 33.1897, 44.7971**, and **3.9389, 4.2133, 6.9090** is the 20% darker color. If you saturate the color by 10%, you get **11.4401, 12.1197, 20.1490**, and if you desaturate by 10%, it is **15.3829, 16.2860, 20.7454**.

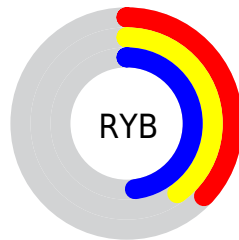
Distribution



Red (37%)

Green (42%)

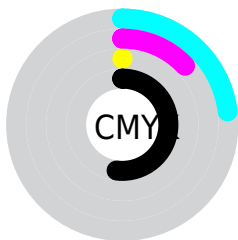
Blue (48%)



Red (37%)

Yellow (40%)

Blue (48%)

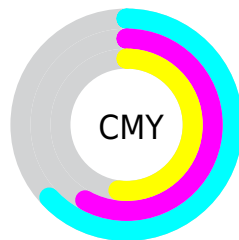


Cyan (23%)

Magenta (13%)

Yellow (0%)

Black (52%)



Cyan (63%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2830, 14.0929, 20.4325 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 13.2830, 14.0929, 20.4325 by changing the saturation by 10% instead.

■ 13.2830, 14.0929,
20.4325

■ 13.2830, 14.0929,
20.4325

206.3246,
217.8080, 266.9282

■ 7.7021, 8.1853,
12.5226

■ 31.4083, 33.2538,
45.0096

■ 3.9551, 4.2138,
6.9738

■ 44.6833, 47.2758,
62.5139

■ 1.6768, 1.7938,
3.3675

■ 61.2538, 64.7715,
84.0534

■ 0.4417, 0.4833,
1.2852

■ 81.4850, 86.1252,
110.0467

■ 0.0000, 0.0000,
0.0496

105.7423,
111.7213, 140.9123

■ 0.0000, 0.0000,
0.0000

134.3912,

141.9442, 177.0687

167.7968,
177.1783, 218.9345

■ 13.2830, 14.0929,
20.4325

■ 13.2830, 14.0929,
20.4325

■ 11.4401, 12.1197,
20.1490

■ 15.3829, 16.2860,
20.7454

■ 9.8424, 10.3572,
19.8930

■ 17.7486, 18.7045,
21.0875

■ 8.4788, 8.7979,
19.6639

■ 20.3899, 21.3556,
21.4600

■ 7.3368, 7.4332,
19.4607

■ 23.3157, 24.2459,
21.8637

■ 6.4028, 6.2537,
19.2823

■ 26.5347, 27.3816,
22.2993

■ 5.6613, 5.2491,
19.1274

■ 30.0550, 30.7687,
22.7675

■ 5.0939, 4.4072,
18.9948

■ 33.8844, 34.4128,
23.2691

■ 4.7539, 3.8872,
18.9124

■ 38.0305, 38.3196,
23.8046

■ 42.5005, 42.4945,
24.3749

Harmonies

Analogous

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



12.5129, 14.0929, 19.5048



13.2830, 14.0929, 20.4325



14.1152, 14.0929, 19.8843

Triad

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



13.2830, 14.0929, 20.4325



14.8981, 14.0929, 13.4057



12.1008, 14.0929, 12.9035

Complementary

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



13.2830, 14.0929, 20.4325



15.6225, 16.0977, 12.8738

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.



12.6995, 14.0929, 11.5548



13.2830, 14.0929, 20.4325



14.3174, 14.0929, 11.8227

Square

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



13.2830, 14.0929, 20.4325



15.0701, 14.0929, 15.6683



13.5074, 14.0929, 11.1806



11.8486, 14.0929, 15.0257

Rectangle

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



13.2830, 14.0929, 20.4325



14.5899, 14.0929, 18.7835



13.5074, 14.0929, 11.1806



12.2670, 14.0929, 12.3536

Sweetspot

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



13.2834, 14.0935, 20.4328



29.4107, 31.0621, 36.8384



14.3832, 17.4219, 17.3188



6.6858, 7.0626, 8.4175



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.2834, 14.0935, 20.4328



21.4587, 22.7601, 35.6550



12.3258, 11.8905, 20.0581



3.9258, 4.1498, 5.0373



4.9970, 4.0765, 19.9088



23.0260, 17.8247, 94.6967

Inverse Universe

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



14.6306, 13.1840, 15.4099



24.3388, 20.9641, 24.8836



16.7444, 18.7301, 13.3228



4.0630, 4.0409, 4.5293



9.1056, 4.6184, 3.8470



43.0256, 21.8666, 16.1968

Previews

White Background



This preview shows how the XYZ color 13.2830, 14.0929, 20.4325 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 13.2830, 14.0929, 20.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

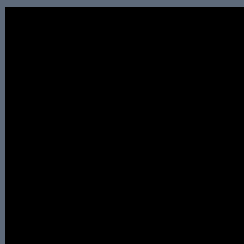
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

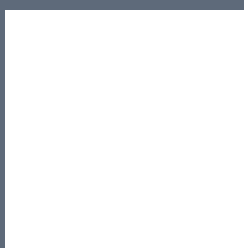
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2830, 14.0929, 20.4325

Background



This preview shows how black text looks on a background with the XYZ color 13.2830, 14.0929, 20.4325.



This preview shows how white text looks on a background with the XYZ color 13.2830, 14.0929,

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

13.2830, 14.0929, 20.4325

Protanopia

13.8810, 14.1059, 20.0803

Deuteranopia

14.2704, 13.9970, 20.6884



Tritanopia

12.9243, 14.1035, 18.5641

Trichromacy



Original Color

13.2830, 14.0929, 20.4325

Protanomaly

13.6484, 14.1363, 20.0984

Deuteranomaly

13.9049, 13.9553, 20.6997

Tritanomaly

13.0419, 14.1506, 19.1835

Monochromacy



Original Color

13.2830, 14.0929, 20.4325

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1763, 13.9602, 17.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2830, 14.0929, 20.4325 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, 106, 122) looks like.

```
.text, #text, p{  
    color:rgb(94, 106, 122)  
}
```

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, 106, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 106, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.2830, 14.0929, 20.4325 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, 106, 122) }
```


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

```
.border{ border-color:rgb(94, 106, 122) }
```

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

Here you see how a box with a 4 pixel rgb(94, 106, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 106, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 106, 122);  
box-shadow:4px 4px 4px 4px rgb(94, 106,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2830, 14.0929, 20.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 106, 122) }
```

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

```
.background{ background-color: rgb(94, 106,  
122) }
```

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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