

Converting Colors

XYZ(13.2262, 14.3072, 20.4969)

Have a look what the booklet for
XYZ(13.2262, 14.3072, 20.4969)
contains.

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Color

**XYZ(13.2890, 14.4056,
20.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6C7A
RGB	92, 108, 122
RGB Percent	36%, 42%, 48%
CMY	0.6392, 0.5765, 0.5216
CMYK	0.25, 0.11, 0.00, 0.52
HSL	208°, 14%, 42%
HSV	208°, 25%, 48%
XYZ	13.2890, 14.4056, 20.4925
YIQ	104.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

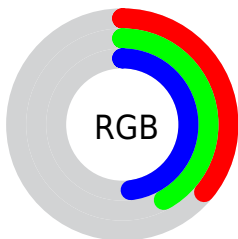
Format	Color
R_{YB}	92, 102, 122
Decimal	6057082
CIE _{Lab}	44.81, -2.60, -9.77
CIE _{LCh}	45, 10.111, 255.113
Yxy	14.4056, 0.2758, 0.2990
Android (android.graphics.Color)	4284247162 (0xFF5C6C7A)
YUV	104.8120, 8.4737, -11.2361
Hunter-Lab	37.9547, -3.9229, -5.4435

Details

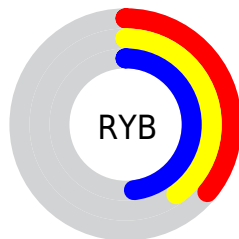
The XYZ color **13.2890, 14.4056, 20.4925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1119, 15.2182, 12.2663**, and the grayscale version is **13.3573, 14.0529, 15.3036**.

A 20% lighter version of the original color is **31.3658, 33.6919, 44.8944**, and **3.9535, 4.3764, 6.9397** is the 20% darker color. If you saturate the color by 10%, you get **11.5863, 12.6658, 20.2467**, and if you desaturate by 10%, it is **15.2281, 16.3262, 20.7613**.

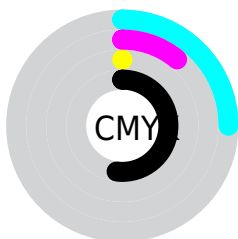
Distribution



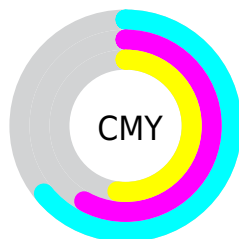
- Red (36%)
- Green (42%)
- Blue (48%)



- Red (36%)
- Yellow (40%)
- Blue (48%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (58%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2890, 14.4056, 20.4925 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 13.2890, 14.4056, 20.4925 by changing the saturation by 10% instead.

■ 13.2890, 14.4056,
20.4925

■ 13.2890, 14.4056,
20.4925

206.3620,
219.7397, 267.2609

■ 7.7062, 8.4033,
12.5659

■ 31.4189, 33.8070,
45.1111

■ 3.9578, 4.3541,
7.0031

■ 44.6968, 47.9749,
62.6403

■ 1.6783, 1.8735,
3.3856

■ 61.2704, 65.6334,
84.2074

■ 0.4426, 0.5324,
1.2947

■ 81.5051, 87.1670,
110.2310

■ 0.0000, 0.0000,
0.0575

105.7663,
112.9600, 141.1295

■ 0.0000, 0.0000,
0.0000

134.4192,

143.3969, 177.3217

167.8293,
178.8620, 219.2260

■ 13.2890, 14.4056,
20.4925

■ 13.2890, 14.4056,
20.4925

■ 11.5863, 12.6658,
20.2467

■ 15.2281, 16.3262,
20.7613

■ 10.1085, 11.0986,
20.0221

■ 17.4118, 18.4318,
21.0526

■ 8.8451, 9.6981,
19.8183

■ 19.8494, 20.7287,
21.3674

■ 7.7844, 8.4567,
19.6346

■ 22.5494, 23.2221,
21.7064

■ 6.9130, 7.3666,
19.4701

■ 25.5198, 25.9173,
22.0701

■ 6.2162, 6.4188,
19.3239

■ 28.7684, 28.8192,
22.4590

■ 5.6720, 5.6007,
19.1947

■ 32.3024, 31.9325,
22.8736

■ 5.4075, 5.1943,
19.1302

■ 36.1290, 35.2618,
23.3146

■ 40.2551, 38.8115,
23.7823

Harmonies

Analogous

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



12.6040, 14.4056, 19.1252



13.2890, 14.4056, 20.4925



14.1094, 14.4056, 20.4870

Triad

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



13.2890, 14.4056, 20.4925



15.2795, 14.4056, 14.5316



12.5998, 14.4056, 12.6957

Complementary

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



13.2890, 14.4056, 20.4925



15.1119, 15.2182, 12.2663

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.



13.2831, 14.4056, 11.6993



13.2890, 14.4056, 20.4925



14.8411, 14.4056, 12.6847

Square

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



13.2890, 14.4056, 20.4925



15.2813, 14.4056, 16.8803



14.1033, 14.4056, 11.6955



12.2171, 14.4056, 14.5480

Rectangle

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



13.2890, 14.4056, 20.4925



14.6239, 14.4056, 19.6981



14.1033, 14.4056, 11.6955



12.8007, 14.4056, 12.2581

Sweetspot

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



13.2894, 14.4062, 20.4928



29.5995, 31.4397, 36.9013



13.9489, 17.2248, 16.0895



6.7313, 7.1536, 8.4327



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.



13.2894, 14.4062, 20.4928



21.4941, 23.4298, 35.7824



11.8850, 11.5974, 20.0247



3.9581, 4.2145, 5.0480



5.6848, 5.4520, 20.1380



26.2582, 24.2889, 95.7741

Inverse Universe

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



14.5603, 12.8748, 15.9058



24.2105, 20.3529, 25.9335



16.7348, 18.4640, 12.8073



4.0793, 4.0474, 4.6153



9.4527, 4.7572, 5.6750



44.6570, 22.5192, 24.7878

Previews

White Background



This preview shows how the XYZ color 13.2890, 14.4056, 20.4925 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 13.2890, 14.4056, 20.4925 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

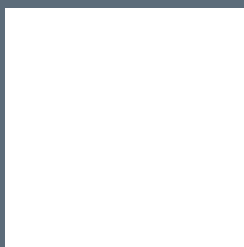
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2890, 14.4056, 20.4925

Background



This preview shows how black text looks on a background with the XYZ color 13.2890, 14.4056, 20.4925.



This preview shows how white text looks on a background with the XYZ color 13.2890, 14.4056,

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

13.2890, 14.4056, 20.4925

Protanopia

14.0353, 14.3428, 19.7980

Deuteranopia

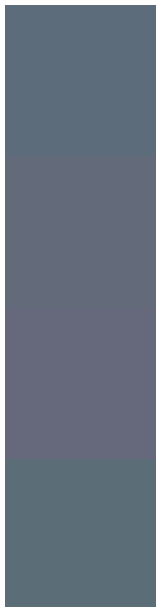
14.6097, 14.3187, 20.7327



Tritanopia

12.9939, 14.4458, 18.9331

Trichromacy



Original Color

13.2890, 14.4056, 20.4925

Protanomaly

13.7508, 14.3412, 20.1325

Deuteranomaly

14.1062, 14.3580, 20.7668

Tritanomaly

13.1128, 14.4933, 19.5591

Monochromacy



Original Color

13.2890, 14.4056, 20.4925

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2788, 14.1651, 17.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2890, 14.4056, 20.4925 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(92, 108, 122) looks like.

```
.text, #text, p{  
    color:rgb(92, 108, 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(92, 108, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 108, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.2890, 14.4056, 20.4925 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(92, 108, 122) }
```


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

```
.border{ border-color:rgb(92, 108, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 108, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 108, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 108, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 108,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2890, 14.4056, 20.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 108, 122) }
```

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

```
.background{ background-color: rgb(92, 108,  
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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