

Converting Colors

XYZ(13.8925, 15.5277, 23.0463)

Have a look what the booklet for
XYZ(13.8925, 15.5277, 23.0463)
contains.

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Color

**XYZ(13.8921, 15.4699,
23.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	587181
RGB	88, 113, 129
RGB Percent	35%, 44%, 51%
CMY	0.6549, 0.5569, 0.4941
CMYK	0.32, 0.12, 0.00, 0.49
HSL	203°, 19%, 43%
HSV	203°, 32%, 51%
XYZ	13.8921, 15.4699, 23.0227
YIQ	107.3490, -20.0360, -0.3240

Conversions

Conversions Part 2

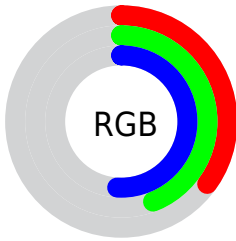
Format	Color
R _Y B	88, 104, 129
Decimal	5796225
CIE Lab	46.27, -5.03, -11.79
CIE LCh	46, 12.816, 246.880
Yxy	15.4699, 0.2652, 0.2953
Android (android.graphics.Color)	4283986305 (0xFF587181)
YUV	107.3490, 10.6739, -16.9691
Hunter-Lab	39.3318, -5.7839, -7.1729

Details

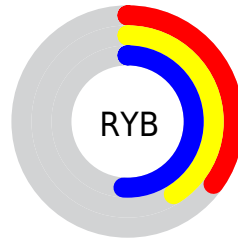
The XYZ color **13.8921, 15.4699, 23.0227** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7654, 15.2727, 11.3500**, and the grayscale version is **14.0476, 14.7792, 16.0946**.

A 20% lighter version of the original color is **32.5461, 35.7766, 49.4462**, and **4.2133, 4.8109, 8.2959** is the 20% darker color. If you saturate the color by 10%, you get **12.2313, 13.8033, 22.7888**, and if you desaturate by 10%, it is **15.8011, 17.3114, 23.2778**.

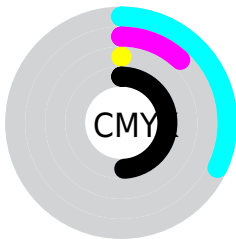
Distribution



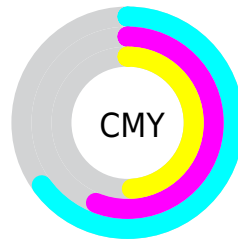
- Red (35%)
- Green (44%)
- Blue (51%)



- Red (35%)
- Yellow (41%)
- Blue (51%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (65%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8921, 15.4699, 23.0227 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 13.8921, 15.4699, 23.0227 by changing the saturation by 10% instead.

■ 13.8921, 15.4699,
23.0227

■ 13.8921, 15.4699,
23.0227

210.0826,
226.1930, 280.9673

■ 8.1269, 9.1498,
14.4048

■ 32.4853, 35.6754,
49.3543

■ 4.2287, 4.8390,
8.2608

■ 46.0440, 50.3297,
67.9050

■ 1.8323, 2.1531,
4.1721

■ 62.9312, 68.5308,
90.6038

■ 0.5370, 0.6943,
1.7202

■ 83.5123, 90.6632,
117.8692

■ 0.0000, 0.0000,
0.3745

■ 108.1526,
117.1112, 150.1197

■ 0.0000, 0.0000,
0.0000

137.2176,

148.2593, 187.7738

171.0724,
184.4917, 231.2502

■ 13.8921, 15.4699,
23.0227

■ 13.8921, 15.4699,
23.0227

■ 12.2313, 13.8033,
22.7888

■ 15.8011, 17.3114,
23.2778

■ 10.8055, 12.3030,
22.5744

■ 17.9679, 19.3325,
23.5537

■ 9.6021, 10.9621,
22.3790

■ 20.4034, 21.5397,
23.8514

■ 8.6068, 9.7725,
22.2018

■ 23.1173, 23.9389,
24.1714

■ 7.8034, 8.7250,
22.0420

■ 26.1189, 26.5354,
24.5144

■ 7.1731, 7.8091,
21.8984

■ 29.4169, 29.3345,
24.8808

■ 6.7341, 7.1281,
21.7901

■ 33.0198, 32.3411,
25.2713

■ 36.9356, 35.5600,
25.6862

■ 41.1721, 38.9959,
26.1261

Harmonies

Analogous

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



13.0825, 15.4699, 20.7295



13.8921, 15.4699, 23.0227



14.9574, 15.4699, 23.5701

Triad

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



13.8921, 15.4699, 23.0227



16.8953, 15.4699, 16.1318



13.4756, 15.4699, 12.4653

Complementary

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



13.8921, 15.4699, 23.0227



15.7654, 15.2727, 11.3500

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.



14.4528, 15.4699, 11.5374



13.8921, 15.4699, 23.0227



16.4535, 15.4699, 13.4773

Square

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



13.8921, 15.4699, 23.0227



16.7269, 15.4699, 19.3252



15.5463, 15.4699, 11.8834



12.8505, 15.4699, 14.5849

Rectangle

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



13.8921, 15.4699, 23.0227



15.6766, 15.4699, 22.8173



15.5463, 15.4699, 11.8834



13.7719, 15.4699, 12.0165

Sweetspot

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



13.8926, 15.4705, 23.0231



32.8190, 35.2092, 42.2588



14.3595, 18.7693, 15.8879



7.3182, 7.8684, 9.5514



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.8926, 15.4705, 23.0231



22.7191, 25.5503, 40.9268



11.8828, 11.4509, 22.3531



4.3099, 4.6138, 5.4767



6.5698, 6.9581, 21.2467



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.5241, 12.8393, 17.2834



26.1816, 20.3218, 28.6657



18.0499, 19.8417, 12.1116



4.4293, 4.3849, 5.0649



10.1931, 5.0969, 7.6065



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8921, 15.4699, 23.0227 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 13.8921, 15.4699, 23.0227 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

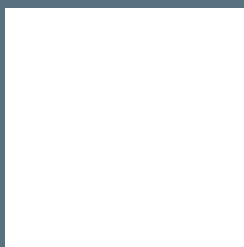
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8921, 15.4699, 23.0227

Background



This preview shows how black text looks on a background with the XYZ color 13.8921, 15.4699, 23.0227.



This preview shows how white text looks on a background with the XYZ color 13.8921, 15.4699,

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

13.8921, 15.4699, 23.0227

Protanopia

15.0723, 15.2957, 21.8966

Deuteranopia

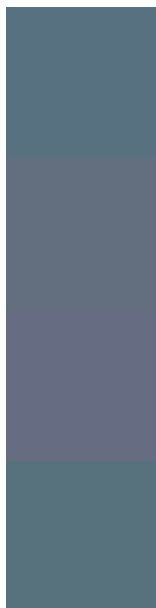
15.7174, 15.4421, 23.2713



Tritanopia

13.5229, 15.4909, 21.0162

Trichromacy



Original Color

13.8921, 15.4699, 23.0227

Protanomaly

14.5523, 15.3368, 22.2720

Deuteranomaly

14.9774, 15.3738, 23.2971

Tritanomaly

13.6495, 15.5415, 21.6824

Monochromacy



Original Color

13.8921, 15.4699, 23.0227

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8187, 14.8844, 18.3643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8921, 15.4699, 23.0227 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(88, 113, 129) looks like.

```
.text, #text, p{  
    color:rgb(88, 113, 129)  
}
```

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(88, 113, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 113, 129) }
```

Border

The CSS property to change the border of an element to XYZ 13.8921, 15.4699, 23.0227 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(88, 113, 129) }
```


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

```
.border{ border-color:rgb(88, 113, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 113, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 113, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 113, 129);  
box-shadow:4px 4px 4px 4px rgb(88, 113,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8921, 15.4699, 23.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 113, 129) }
```

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

```
.background{ background-color: rgb(88, 113,  
129) }
```

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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