

Converting Colors

XYZ(14.8391, 15.2167, 27.4136)

Have a look what the booklet for
XYZ(14.8391, 15.2167, 27.4136)
contains.

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Color

**XYZ(14.7906, 15.1875,
27.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6D8D
RGB	93, 109, 141
RGB Percent	36%, 43%, 55%
CMY	0.6353, 0.5725, 0.4471
CMYK	0.34, 0.23, 0.00, 0.45
HSL	220°, 21%, 46%
HSV	220°, 34%, 55%
XYZ	14.7906, 15.1875, 27.3512
YIQ	107.8640, -19.8080, 6.5600

Conversions

Conversions Part 2

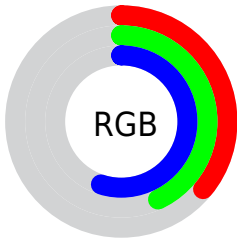
Format	Color
R_{YB}	93, 105, 141
Decimal	6122893
CIE _{Lab}	45.89, 2.17, -19.49
CIE _{LCh}	46, 19.607, 276.358
Yxy	15.1875, 0.2580, 0.2649
Android (android.graphics.Color)	4284312973 (0xFF5D6D8D)
YUV	107.8640, 16.3360, -13.0357
Hunter-Lab	38.9711, -0.4539, -14.3318

Details

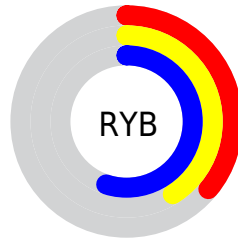
The XYZ color **14.7906, 15.1875, 27.3512** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.2943, 21.1208, 13.3637**, and the grayscale version is **14.1759, 14.9141, 16.2415**.

A 20% lighter version of the original color is **34.0982, 35.1015, 56.6079**, and **4.6497, 4.7361, 10.5666** is the 20% darker color. If you saturate the color by 10%, you get **12.5432, 12.6193, 26.9742**, and if you desaturate by 10%, it is **17.4094, 18.1070, 27.7770**.

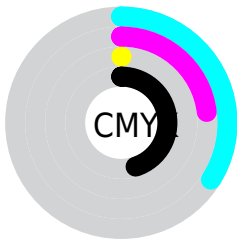
Distribution



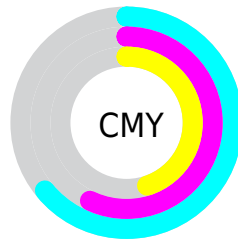
- Red (36%)
- Green (43%)
- Blue (55%)



- Red (36%)
- Yellow (41%)
- Blue (55%)



- Cyan (34%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7906, 15.1875, 27.3512 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 14.7906, 15.1875, 27.3512 by changing the saturation by 10% instead.

■ 14.7906, 15.1875,
27.3512

■ 14.7906, 15.1875,
27.3512

215.5089,
224.4983, 303.1674

■ 8.7579, 8.9511,
17.6024

■ 34.0601, 35.1818,
56.4575

■ 4.6395, 4.7093,
10.4984

■ 48.0276, 49.7084,
76.6521

■ 2.0699, 2.0777,
5.6208

■ 65.3708, 67.7673,
101.1656

■ 0.6728, 0.6521,
2.5509

■ 86.4550, 89.7427,
130.4167

■ 0.0000, 0.0000,
0.8669

111.6455,
116.0191, 164.8239

■ 0.0000, 0.0000,
0.0000

141.3078,

146.9810, 204.8057

175.8071,
183.0126, 250.7807

■ 14.7906, 15.1875,
27.3512

■ 14.7906, 15.1875,
27.3512

■ 12.5432, 12.6193,
26.9742

■ 17.4094, 18.1070,
27.7770

■ 10.6479, 10.3866,
26.6431

■ 20.4148, 21.3895,
28.2521

■ 9.0858, 8.4746,
26.3564

■ 23.8227, 25.0481,
28.7787

■ 7.8354, 6.8668,
26.1120

■ 27.6479, 29.0946,
29.3582

■ 6.8725, 5.5448,
25.9076

■ 31.9041, 33.5406,
29.9920

■ 6.1679, 4.4873,
25.7406

■ 36.6048, 38.3969,
30.6816

■ 5.8243, 3.9561,
25.6562

■ 41.7625, 43.6741,
31.4284

■ 47.3895, 49.3821,
32.2335

■ 53.4973, 55.5307,
33.0984

Harmonies

Analogous

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



13.1961, 15.1875, 26.3715



14.7906, 15.1875, 27.3512



16.4056, 15.1875, 25.0175

Triad

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



14.7906, 15.1875, 27.3512



17.1533, 15.1875, 11.6999



11.7114, 15.1875, 13.1438

Complementary

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



14.7906, 15.1875, 27.3512



20.2943, 21.1208, 13.3637

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.



12.6294, 15.1875, 10.2283



14.7906, 15.1875, 27.3512



15.7497, 15.1875, 9.5129

Square

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



14.7906, 15.1875, 27.3512



17.8353, 15.1875, 15.5476



14.0857, 15.1875, 9.0308



11.4974, 15.1875, 17.5667

Rectangle

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



14.7906, 15.1875, 27.3512



17.2505, 15.1875, 22.1182



14.0857, 15.1875, 9.0308



11.9443, 15.1875, 11.9832

Sweetspot

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



14.7911, 15.1881, 27.3516



38.8079, 40.7310, 50.9443



17.7412, 22.8579, 22.8795



8.5037, 8.9207, 11.3531



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.



14.7911, 15.1881, 27.3516



23.2782, 23.5415, 48.4449



14.0895, 12.5192, 26.8734



5.2673, 5.5304, 6.8186



5.3240, 3.6340, 23.3979



0.0696, 0.0721, 0.2299

Inverse Universe

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



17.6596, 14.5962, 16.3551



29.3307, 22.6396, 25.1651



21.1739, 24.8269, 14.0327



5.4784, 5.4519, 6.0173



10.4904, 5.3532, 2.9680



0.1097, 0.0550, 0.0780

Previews

White Background



This preview shows how the XYZ color 14.7906, 15.1875, 27.3512 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 14.7906, 15.1875, 27.3512 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

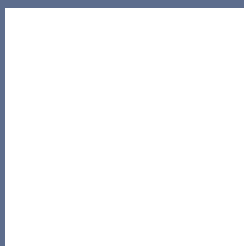
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7906, 15.1875, 27.3512

Background



This preview shows how black text looks on a background with the XYZ color 14.7906, 15.1875, 27.3512.

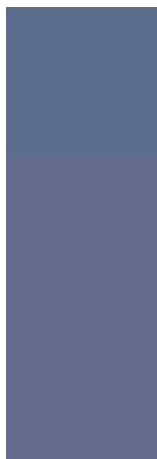


This preview shows how white text looks on a background with the XYZ color 14.7906, 15.1875,

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

14.7906, 15.1875, 27.3512

Protanopia

15.2468, 15.1182, 26.9254

Deuteranopia

15.4322, 15.2052, 27.3208



Tritanopia

13.5378, 15.3392, 20.6596

Trichromacy



Original Color

14.7906, 15.1875, 27.3512

Protanomaly

15.0260, 15.1600, 26.9452

Deuteranomaly

15.2073, 15.2449, 27.3403

Tritanomaly

13.9731, 15.3470, 22.9947

Monochromacy



Original Color

14.7906, 15.1875, 27.3512

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3462, 14.9648, 19.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7906, 15.1875, 27.3512 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(93, 109, 141) looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 141)  
}
```

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(93, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.7906, 15.1875, 27.3512 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(93, 109, 141) }
```


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

```
.border{ border-color:rgb(93, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 109,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7906, 15.1875, 27.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 141) }
```

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

```
.background{ background-color: rgb(93, 109,  
141) }
```

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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