

Converting Colors

XYZ(13.9482, 13.6799, 27.4965)

Have a look what the booklet for
XYZ(13.9482, 13.6799, 27.4965)
contains.

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Color

**XYZ(13.9482, 13.6799,
27.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	5B668E
RGB	91, 102, 142
RGB Percent	36%, 40%, 56%
CMY	0.6431, 0.6000, 0.4431
CMYK	0.36, 0.28, 0.00, 0.44
HSL	227°, 22%, 46%
HSV	227°, 36%, 56%
XYZ	13.9482, 13.6799, 27.4965
YIQ	103.2710, -19.3960, 10.1080

Conversions

Conversions Part 2

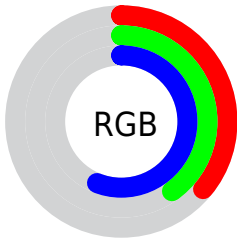
Format	Color
R_{YB}	91, 100, 142
Decimal	5990030
CIE Lab	43.77, 6.10, -23.36
CIE LCh	44, 24.147, 284.636
Yxy	13.6799, 0.2530, 0.2482
Android (android.graphics.Color)	4284180110 (0xFF5B668E)
YUV	103.2710, 19.0934, -10.7617
Hunter-Lab	36.9863, 2.5894, -18.1871

Details

The XYZ color **13.9482, 13.6799, 27.4965** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.1601, 22.7388, 13.1717**, and the grayscale version is **12.9189, 13.5917, 14.8013**.

A 20% lighter version of the original color is **32.6827, 32.6076, 56.7959**, and **4.2528, 3.9973, 10.6726** is the 20% darker color. If you saturate the color by 10%, you get **11.6567, 10.9817, 27.0967**, and if you desaturate by 10%, it is **16.6526, 16.8099, 27.9583**.

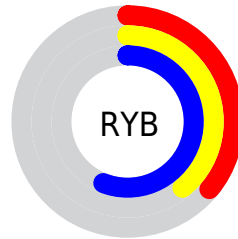
Distribution



Red (36%)

Green (40%)

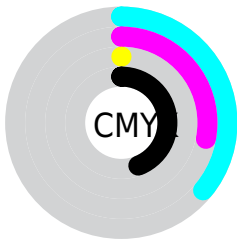
Blue (56%)



Red (36%)

Yellow (39%)

Blue (56%)

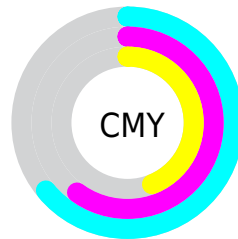


Cyan (36%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9482, 13.6799, 27.4965 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 13.9482, 13.6799, 27.4965 by changing the saturation by 10% instead.

■ 13.9482, 13.6799,
27.4965

■ 13.9482, 13.6799,
27.4965

210.4254,
215.2303, 303.8890

■ 8.1661, 7.8984,
17.7107

■ 32.5841, 32.5200,
56.6930

■ 4.2541, 4.0300,
10.5752

■ 46.1687, 46.3473,
76.9407

■ 1.8469, 1.6904,
5.6714

■ 63.0847, 63.6254,
101.5129

■ 0.5457, 0.4174,
2.5808

■ 83.6977, 84.7385,
130.8281

■ 0.0000, 0.0000,
0.8825

108.3729,
110.0712, 165.3047

■ 0.0000, 0.0000,
0.0000

137.4756,

140.0078, 205.3614

171.3714,
174.9327, 251.4166

■ 13.9482, 13.6799,
27.4965

■ 13.9482, 13.6799,
27.4965

■ 11.6567, 10.9817,
27.0967

■ 16.6526, 16.8099,
27.9583

■ 9.7559, 8.6943,
26.7554

■ 19.7879, 20.3881,
28.4838

■ 8.2235, 6.7973,
26.4700

■ 23.3725, 24.4322,
29.0754

■ 7.0345, 5.2679,
26.2374

■ 27.4234, 28.9584,
29.7356

■ 6.1605, 4.0806,
26.0543

■ 31.9568, 33.9819,
30.4663

■ 5.5615, 3.2031,
25.9166

■ 36.9881, 39.5174,
31.2695

■ 5.3629, 2.9138,
25.8712

■ 42.5318, 45.5791,
32.1474

■ 48.6021, 52.1803,
33.1016

■ 55.2124, 59.3342,
34.1341

Harmonies

Analogous

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



12.0575, 13.6799, 27.4447



13.9482, 13.6799, 27.4965



15.7440, 13.6799, 23.6573

Triad

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



13.9482, 13.6799, 27.4965



15.7813, 13.6799, 8.6830



9.7859, 13.6799, 12.2895

Complementary

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



13.9482, 13.6799, 27.4965



21.1601, 22.7388, 13.1717

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.



10.5990, 13.6799, 8.6176



13.9482, 13.6799, 27.4965



13.9953, 13.6799, 6.9080

Square

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



13.9482, 13.6799, 27.4965



16.8703, 13.6799, 12.4029



12.1002, 13.6799, 6.8874



9.7760, 13.6799, 17.7006

Rectangle

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



13.9482, 13.6799, 27.4965



16.5937, 13.6799, 19.8457



12.1002, 13.6799, 6.8874



9.9706, 13.6799, 10.8449

Sweetspot

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



13.9487, 13.6804, 27.4968



37.7554, 39.1900, 50.7024



18.0810, 23.2078, 24.9818



8.2706, 8.5701, 11.2977



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.



13.9487, 13.6804, 27.4968



21.3152, 20.2671, 47.9164



14.5026, 12.4661, 27.2332



5.2181, 5.4319, 6.8022



4.8269, 2.6397, 23.2322



0.0598, 0.0526, 0.2267

Inverse Universe

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



17.2950, 14.1926, 14.3989



28.1808, 21.5707, 20.9873



20.3962, 24.6560, 13.5820



5.4535, 5.4419, 5.8864



10.2395, 5.2528, 1.6465



0.1048, 0.0530, 0.0521

Previews

White Background



This preview shows how the XYZ color 13.9482, 13.6799, 27.4965 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 13.9482, 13.6799, 27.4965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

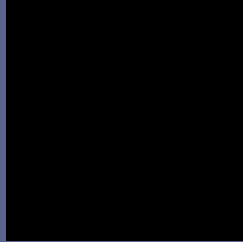
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

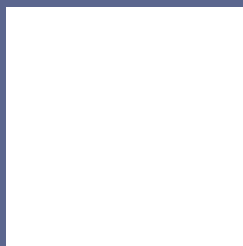
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9482, 13.6799, 27.4965

Background



This preview shows how black text looks on a background with the XYZ color 13.9482, 13.6799, 27.4965.



This preview shows how white text looks on a background with the XYZ color 13.9482, 13.6799,

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

13.9482, 13.6799, 27.4965

Protanopia

13.9482, 13.6799, 27.4965

Deuteranopia

13.9482, 13.6799, 27.4965



Tritanopia

12.1564, 13.7076, 18.5281

Trichromacy



Original Color

13.9482, 13.6799, 27.4965

Protanomaly

13.9482, 13.6799, 27.4965

Deuteranomaly

13.9482, 13.6799, 27.4965

Tritanomaly

12.6837, 13.6101, 21.3605

Monochromacy



Original Color

13.9482, 13.6799, 27.4965

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2067, 13.6375, 18.7659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9482, 13.6799, 27.4965 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(91, 102, 142) looks like.

```
.text, #text, p{  
    color:rgb(91, 102, 142)  
}
```

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(91, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 102, 142) }
```

Border

The CSS property to change the border of an element to XYZ 13.9482, 13.6799, 27.4965 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(91, 102, 142) }
```


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

```
.border{ border-color:rgb(91, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(91, 102,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9482, 13.6799, 27.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 102, 142) }
```

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

```
.background{ background-color: rgb(91, 102,  
142) }
```

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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