

Converting Colors

XYZ(13.5317, 14.0701, 27.7188)

Have a look what the booklet for
XYZ(13.5317, 14.0701, 27.7188)
contains.

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Color

**XYZ(13.5162, 14.0549,
27.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	526A8E
RGB	82, 106, 142
RGB Percent	32%, 42%, 56%
CMY	0.6784, 0.5843, 0.4431
CMYK	0.42, 0.25, 0.00, 0.44
HSL	216°, 27%, 44%
HSV	216°, 42%, 56%
XYZ	13.5162, 14.0549, 27.5917
YIQ	102.9280, -25.8600, 6.1080

Conversions

Conversions Part 2

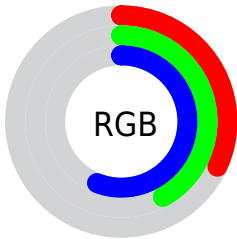
Format	Color
R_{YB}	82, 99, 142
Decimal	5401230
CIE Lab	44.31, 1.02, -22.58
CIE LCh	44, 22.599, 272.580
Yxy	14.0549, 0.2450, 0.2548
Android (android.graphics.Color)	4283591310 (0xFF526A8E)
YUV	102.9280, 19.2625, -18.3539
Hunter-Lab	37.4899, -1.2528, -17.3932

Details

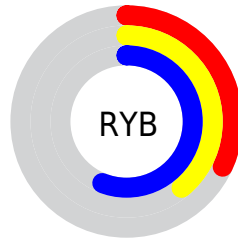
The XYZ color **13.5162, 14.0549, 27.5917** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **19.1572, 19.3173, 10.7021**, and the grayscale version is **12.8291, 13.4972, 14.6985**.

A 20% lighter version of the original color is **31.8523, 33.1678, 56.9478**, and **4.0608, 4.1919, 10.7203** is the 20% darker color. If you saturate the color by 10%, you get **11.5720, 11.8136, 27.2618**, and if you desaturate by 10%, it is **15.8041, 16.6035, 27.9633**.

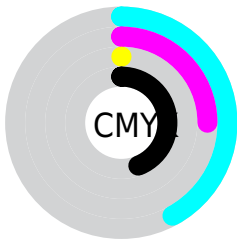
Distribution



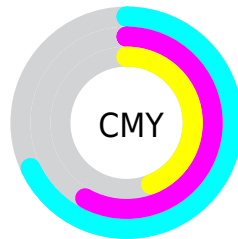
- Red (32%)
- Green (42%)
- Blue (56%)



- Red (32%)
- Yellow (39%)
- Blue (56%)



- Cyan (42%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)



- Cyan (68%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5162, 14.0549, 27.5917 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 13.5162, 14.0549, 27.5917 by changing the saturation by 10% instead.

■ 13.5162, 14.0549,
27.5917

■ 13.5162, 14.0549,
27.5917

207.7714,
217.5721, 304.3610

■ 7.8644, 8.1589,
17.7817

■ 31.8216, 33.1864,
56.8471

■ 4.0594, 4.1968,
10.6256

■ 45.2059, 47.1907,
77.1297

■ 1.7358, 1.7842,
5.7047

■ 61.8984, 64.6664,
101.7402

■ 0.4785, 0.4773,
2.6005

■ 82.2644, 85.9982,
131.0972

■ 0.0000, 0.0000,
0.8927

■ 106.6694,
111.5702, 165.6193

■ 0.0000, 0.0000,
0.0000

135.4786,

141.7669, 205.7249

169.0575,
176.9728, 251.8326

■ 13.5162, 14.0549,
27.5917

■ 13.5162, 14.0549,
27.5917

■ 11.5720, 11.8136,
27.2618

■ 15.8041, 16.6035,
27.9633

■ 9.9518, 9.8647,
26.9710

■ 18.4514, 19.4702,
28.3771

■ 8.6357, 8.1945,
26.7180

■ 21.4741, 22.6671,
28.8349

■ 7.6008, 6.7869,
26.5009

■ 24.8872, 26.2052,
29.3379

■ 6.8204, 5.6238,
26.3175

■ 28.7046, 30.0948,
29.8875

■ 6.3358, 4.8596,
26.1955

■ 32.9395, 34.3459,
30.4848

■ 37.6045, 38.9681,
31.1311

■ 42.7118, 43.9705,
31.8275

■ 48.2729, 49.3619,
32.5750

Harmonies

Analogous

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



11.8177, 14.0549, 25.9786



13.5162, 14.0549, 27.5917



15.3240, 14.0549, 25.3447

Triad

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



13.5162, 14.0549, 27.5917



16.5148, 14.0549, 10.5349



10.4987, 14.0549, 11.1531

Complementary

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



13.5162, 14.0549, 27.5917



19.1572, 19.3173, 10.7021

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.



11.5692, 14.0549, 8.3415



13.5162, 14.0549, 27.5917



15.0282, 14.0549, 8.0454

Square

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



13.5162, 14.0549, 27.5917



17.1502, 14.0549, 14.8586



13.2025, 14.0549, 7.3433



10.1719, 14.0549, 15.7569

Rectangle

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



13.5162, 14.0549, 27.5917



16.3211, 14.0549, 22.2023



13.2025, 14.0549, 7.3433



10.7785, 14.0549, 10.0058

Sweetspot

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



13.5167, 14.0554, 27.5920



37.2935, 39.3699, 50.7614



16.4231, 22.4482, 20.6074



8.0849, 8.5362, 11.3010



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.



13.5167, 14.0554, 27.5920



20.4663, 20.9028, 48.0838



11.9248, 10.0628, 26.9053



5.2956, 5.5869, 6.8280



5.7057, 4.3974, 23.5251



0.0751, 0.0832, 0.2318

Inverse Universe

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



16.7746, 12.8265, 15.2278



27.1827, 18.9905, 22.4548



21.3497, 25.1898, 11.7200



5.4927, 5.4576, 6.0924



10.6831, 5.4303, 3.9825



0.1125, 0.0561, 0.0928

Previews

White Background



This preview shows how the XYZ color 13.5162, 14.0549, 27.5917 looks on a white background.

Color Contrast Check

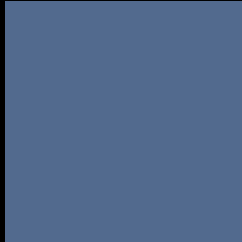
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5162, 14.0549, 27.5917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

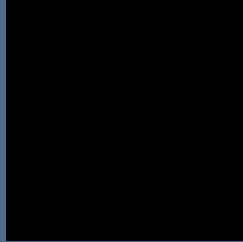
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

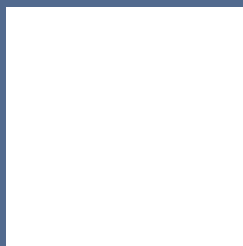
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.5162, 14.0549, 27.5917

Background



This preview shows how black text looks on a background with the XYZ color 13.5162, 14.0549, 27.5917.



This preview shows how white text looks on a background with the XYZ color 13.5162, 14.0549,

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

13.5162, 14.0549, 27.5917

Protanopia

14.2000, 13.9736, 26.7597

Deuteranopia

14.3224, 14.0108, 27.9361



Tritanopia

11.8862, 14.0203, 19.5325

Trichromacy



Original Color

13.5162, 14.0549, 27.5917

Protanomaly

13.9745, 13.9974, 27.1645

Deuteranomaly

14.0281, 14.0076, 27.9510

Tritanomaly

12.4413, 14.0893, 22.1425

Monochromacy



Original Color

13.5162, 14.0549, 27.5917

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.8805, 13.6179, 18.7793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5162, 14.0549, 27.5917 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(82, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(82, 106, 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(82, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 106, 142) }
```

Border

The CSS property to change the border of an element to XYZ 13.5162, 14.0549, 27.5917 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(82, 106, 142) }
```


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

```
.border{ border-color:rgb(82, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(82, 106,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5162, 14.0549, 27.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 106, 142) }
```

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

```
.background{ background-color: rgb(82, 106,  
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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