

Converting Colors

XYZ(14.3764, 15.6250, 27.3864)

Have a look what the booklet for
XYZ(14.3764, 15.6250, 27.3864)
contains.

| | |
|--|----|
| XYZ(14.3690, 15.6182, 27.4566) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(14.3690, 15.6182,
27.4566)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 54718D |
| RGB | 84, 113, 141 |
| RGB Percent | 33%, 44%, 55% |
| CMY | 0.6706, 0.5569, 0.4471 |
| CMYK | 0.40, 0.20, 0.00, 0.45 |
| HSL | 209°, 25%, 44% |
| HSV | 209°, 40%, 55% |
| XYZ | 14.3690, 15.6182, 27.4566 |
| YIQ | 107.5210, -26.2720, 2.5600 |

Conversions

Conversions Part 2

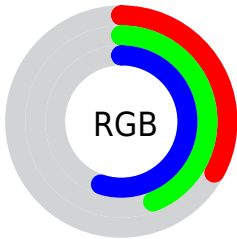
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 84, 103, 141 |
| Decimal | 5534093 |
| CIE _{Lab} | 46.47, -2.91, -18.65 |
| CIE _{LCh} | 46, 18.874, 261.140 |
| Yxy | 15.6182, 0.2501, 0.2719 |
| Android (android.graphics.Color) | 4283724173 (0xFF54718D) |
| YUV | 107.5210, 16.5051, -20.6279 |
| Hunter-Lab | 39.5199, -4.2591, -13.5281 |

Details

The XYZ color **14.3690, 15.6182, 27.4566** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **18.3792, 17.8914, 10.8726**, and the grayscale version is **14.0811, 14.8144, 16.1329**.

A 20% lighter version of the original color is **33.4588, 36.0846, 56.8313**, and **4.4383, 4.8760, 10.6048** is the 20% darker color. If you saturate the color by 10%, you get **12.4884, 13.5453, 27.1559**, and if you desaturate by 10%, it is **16.5637, 17.9412, 27.7896**.

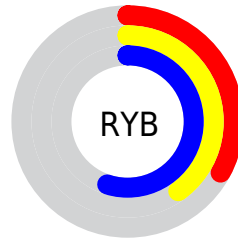
Distribution



Red (33%)

Green (44%)

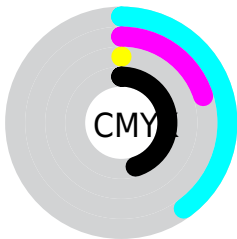
Blue (55%)



Red (33%)

Yellow (40%)

Blue (55%)

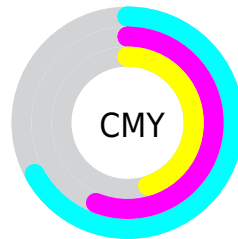


Cyan (40%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (67%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3690, 15.6182, 27.4566 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 14.3690, 15.6182, 27.4566 by changing the saturation by 10% instead.

■ 14.3690, 15.6182,
27.4566

■ 14.3690, 15.6182,
27.4566

212.9794,
227.0781, 303.6910

■ 8.4612, 9.2544,
17.6810

■ 33.3232, 35.9341,
56.6283

■ 4.4457, 4.9075,
10.5541

■ 47.1002, 50.6550,
76.8615

■ 1.9572, 2.1931,
5.6575

■ 64.2311, 68.9303,
101.4176

■ 0.6098, 0.7162,
2.5726

■ 85.0810, 91.1446,
130.7152

■ 0.0000, 0.0000,
0.8782

■ 110.0155,
117.6821, 165.1727

■ 0.0000, 0.0000,
0.0000

139.3998,

148.9272, 205.2089

173.5994,
185.2645, 251.2421

■ 14.3690, 15.6182,
27.4566

■ 14.3690, 15.6182,
27.4566

■ 12.4884, 13.5453,
27.1559

■ 16.5637, 17.9412,
27.7896

■ 10.9037, 11.7103,
26.8852

■ 19.0862, 20.5223,
28.1548

■ 9.5970, 10.1022,
26.6437

■ 21.9514, 23.3714,
28.5538

■ 8.5478, 8.7084,
26.4300

■ 25.1726, 26.4970,
28.9873

■ 7.7321, 7.5143,
26.2425

■ 28.7625, 29.9074,
29.4564

■ 7.1083, 6.5242,
26.0842

■ 32.7329, 33.6104,
29.9618

■ 37.0954, 37.6136,
30.5046

■ 41.8608, 41.9242,
31.0855

■ 47.0397, 46.5491,
31.7052

Harmonies

Analogous

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



12.9709, 15.6182, 24.9601



14.3690, 15.6182, 27.4566



15.9991, 15.6182, 26.7810

Triad

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



14.3690, 15.6182, 27.4566



17.9506, 15.6182, 13.9809



12.5442, 15.6182, 11.9905

Complementary

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



14.3690, 15.6182, 27.4566



18.3792, 17.8914, 10.8726

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.



13.7471, 15.6182, 9.9558



14.3690, 15.6182, 27.4566



16.8906, 15.6182, 10.9509

Square

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



14.3690, 15.6182, 27.4566



18.1475, 15.6182, 18.4200



15.3306, 15.6182, 9.6134



11.9690, 15.6182, 15.6654

Rectangle

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



14.3690, 15.6182, 27.4566



16.9945, 15.6182, 24.6660



15.3306, 15.6182, 9.6134



12.8842, 15.6182, 11.1222

Sweetspot

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



14.3695, 15.6188, 27.4570



38.3235, 40.8821, 50.9990



16.0810, 22.0948, 18.6158



8.4301, 9.0032, 11.3729



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.



14.3695, 15.6188, 27.4570



22.4806, 24.3882, 48.6504



11.7089, 10.2975, 26.5701



5.3422, 5.6801, 6.8436



6.4973, 5.9806, 23.7890



0.0842, 0.1013, 0.2348

Inverse Universe

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



17.1359, 13.1961, 17.2674



28.3320, 19.9579, 26.9419



21.9705, 25.0739, 12.0697



5.5162, 5.4670, 6.2162



11.0826, 5.5901, 6.0865



0.1171, 0.0579, 0.1168

Previews

White Background



This preview shows how the XYZ color 14.3690, 15.6182, 27.4566 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 14.3690, 15.6182, 27.4566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

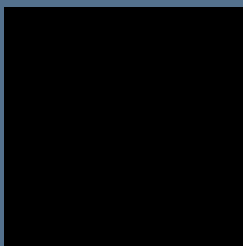
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

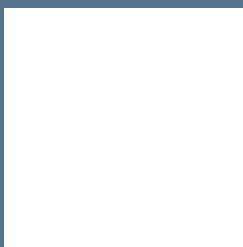
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3690, 15.6182, 27.4566

Background



This preview shows how black text looks on a background with the XYZ color 14.3690, 15.6182, 27.4566.

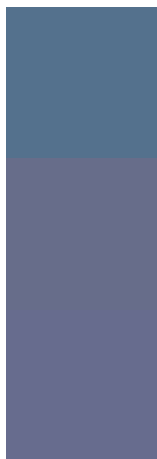


This preview shows how white text looks on a background with the XYZ color 14.3690, 15.6182,

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

14.3690, 15.6182, 27.4566

Protanopia

15.6496, 15.6558, 26.2418

Deuteranopia

15.8386, 15.5617, 27.7601



Tritanopia

13.2553, 15.6769, 21.7294

Trichromacy



Original Color

14.3690, 15.6182, 27.4566

Protanomaly

15.0600, 15.5027, 26.6247

Deuteranomaly

15.2823, 15.5917, 27.7952

Tritanomaly

13.6208, 15.6495, 23.7755

Monochromacy



Original Color

14.3690, 15.6182, 27.4566

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1117, 15.1606, 19.9518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3690, 15.6182, 27.4566 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(84, 113, 141) looks like.

```
.text, #text, p{  
    color:rgb(84, 113, 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(84, 113, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 113, 141) }
```

Border

The CSS property to change the border of an element to XYZ 14.3690, 15.6182, 27.4566 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(84, 113, 141) }
```


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

```
.border{ border-color:rgb(84, 113, 141) }
```

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

Here you see how a box with a 4 pixel rgb(84, 113, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 113, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 113, 141);  
box-shadow:4px 4px 4px 4px rgb(84, 113,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3690, 15.6182, 27.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 113, 141) }
```

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

```
.background{ background-color: rgb(84, 113,  
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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