

Converting Colors

XYZ(11.5598, 14.4099, 23.3494)

Have a look what the booklet for
XYZ(11.5598, 14.4099, 23.3494)
contains.

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Color

**XYZ(11.5679, 14.4306,
23.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	367282
RGB	54, 114, 130
RGB Percent	21%, 45%, 51%
CMY	0.7882, 0.5529, 0.4902
CMYK	0.58, 0.12, 0.00, 0.49
HSL	193°, 41%, 36%
HSV	193°, 58%, 51%
XYZ	11.5679, 14.4306, 23.2948
YIQ	97.8840, -40.8960, -7.7440

Conversions

Conversions Part 2

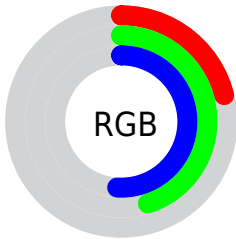
Format	Color
RYB	54, 88, 130
Decimal	3568258
CIELab	44.84, -14.47, -14.71
CIELCh	45, 20.640, 225.470
Yxy	14.4306, 0.2347, 0.2927
Android (android.graphics.Color)	4281758338 (0xFF367282)
YUV	97.8840, 15.8332, -38.4863
Hunter-Lab	37.9876, -12.1220, -9.7665

Details

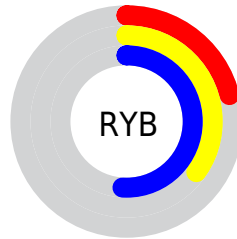
The XYZ color **11.5679, 14.4306, 23.2948** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.0623, 9.3929, 4.6677**, and the grayscale version is **11.5503, 12.1518, 13.2333**.

A 20% lighter version of the original color is **28.3678, 33.8795, 49.8440**, and **3.4334, 4.4905, 8.4704** is the 20% darker color. If you saturate the color by 10%, you get **10.6573, 13.5100, 23.1654**, and if you desaturate by 10%, it is **12.6752, 15.4669, 23.4367**.

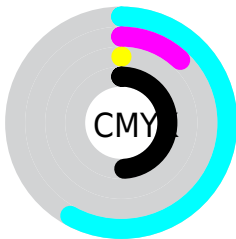
Distribution



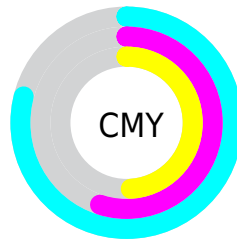
- Red (21%)
- Green (45%)
- Blue (51%)



- Red (21%)
- Yellow (35%)
- Blue (51%)



- Cyan (58%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (79%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5679, 14.4306, 23.2948 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 11.5679, 14.4306, 23.2948 by changing the saturation by 10% instead.

■ 11.5679, 14.4306,
23.2948

■ 11.5679, 14.4306,
23.2948

■ 195.3522,
219.8934, 282.4064

■ 6.5203, 8.4208,
14.6040

■ 28.3294, 33.8511,
49.8063

■ 3.2076, 4.3653,
8.3984

■ 40.7739, 48.0306,
68.4640

■ 1.2645, 1.8800,
4.2595

■ 56.4149, 65.7021,
91.2811

■ 0.1564, 0.5363,
1.7688

■ 75.6175, 87.2500,
118.6761

■ 0.0000, 0.0000,
0.4072

■ 98.7472, 113.0587,
151.0676

■ 0.0000, 0.0000,
0.0000

■ 126.1693,

143.5125, 188.8742

158.2492,
178.9960, 232.5142

■ 11.5679, 14.4306,
23.2948

■ 11.5679, 14.4306,
23.2948

■ 10.6573, 13.5100,
23.1654

■ 12.6752, 15.4669,
23.4367

■ 9.9268, 12.6955,
23.0467

■ 13.9915, 16.6245,
23.5908

■ 9.3589, 11.9785,
22.9382

■ 15.5295, 17.9103,
23.7579

■ 8.9101, 11.3360,
22.8378

■ 17.3008, 19.3305,
23.9387

■ 8.8431, 11.2394,
22.8227

■ 19.3159, 20.8905,
24.1336

■ 21.5847, 22.5955,
24.3431

■ 24.1165, 24.4506,
24.5677

■ 26.9203, 26.4603,
24.8079

■ 30.0044, 28.6293,
25.0640

Harmonies

Analogous

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



10.8256, 14.4306, 18.3184



11.5679, 14.4306, 23.2948



12.9193, 14.4306, 26.5087

Triad

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



11.5679, 14.4306, 23.2948



17.0955, 14.4306, 18.1560



12.8701, 14.4306, 8.3619

Complementary

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



11.5679, 14.4306, 23.2948



12.0623, 9.3929, 4.6677

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.



14.5444, 14.4306, 8.3360



11.5679, 14.4306, 23.2948



17.0796, 14.4306, 13.3662

Square

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



11.5679, 14.4306, 23.2948



16.1564, 14.4306, 23.1551



16.1145, 14.4306, 9.9849



11.5344, 14.4306, 10.0647

Rectangle

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



11.5679, 14.4306, 23.2948



14.0269, 14.4306, 26.8709



16.1145, 14.4306, 9.9849



13.4094, 14.4306, 8.1704

Sweetspot

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



11.5684, 14.4311, 23.2951



30.4848, 34.0555, 42.1591



10.5848, 17.1820, 8.4219



6.7157, 7.5625, 9.5241



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.



11.5684, 14.4311, 23.2951



18.3330, 23.3239, 40.7282



8.1909, 7.6763, 22.1693



4.3720, 4.7380, 5.4974



8.4840, 10.7866, 21.8848



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5628, 8.5995, 16.8652



22.3698, 12.6794, 27.4534



15.1507, 15.5698, 5.6972



4.4606, 4.3974, 5.2300



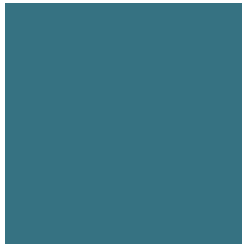
11.1593, 5.4834, 12.6946



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.5679, 14.4306, 23.2948 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 11.5679, 14.4306, 23.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

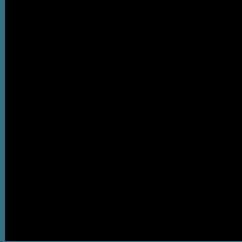
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5679, 14.4306, 23.2948

Background



This preview shows how black text looks on a background with the XYZ color 11.5679, 14.4306, 23.2948.

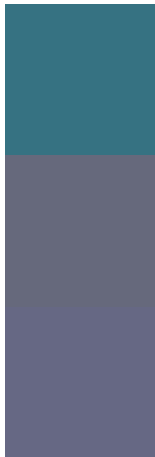


This preview shows how white text looks on a background with the XYZ color 11.5679, 14.4306,

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

11.5679, 14.4306, 23.2948

Protanopia

14.1692, 14.3832, 21.0982

Deuteranopia

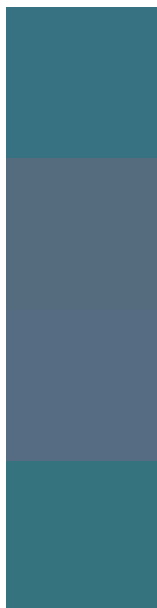
14.5947, 14.3914, 23.8384



Tritanopia

11.1850, 14.4468, 21.2678

Trichromacy



Original Color

11.5679, 14.4306, 23.2948

Protanomaly

12.8748, 14.1628, 21.7938

Deuteranomaly

13.2056, 14.2951, 23.5360

Tritanomaly

11.3648, 14.5247, 21.9432

Monochromacy



Original Color

11.5679, 14.4306, 23.2948

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2445, 12.8203, 16.6338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5679, 14.4306, 23.2948 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(54, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(54, 114, 130)  
}
```

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(54, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 114, 130) }
```

Border

The CSS property to change the border of an element to XYZ 11.5679, 14.4306, 23.2948 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(54, 114, 130) }
```


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

```
.border{ border-color:rgb(54, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(54, 114,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5679, 14.4306, 23.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 114, 130) }
```

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

```
.background{ background-color: rgb(54, 114,  
130) }
```

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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