

Converting Colors

XYZ(14.6034, 18.3393, 32.9075)

Have a look what the booklet for
XYZ(14.6034, 18.3393, 32.9075)
contains.

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Color

**XYZ(14.5957, 18.3191,
32.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	2E8099
RGB	46, 128, 153
RGB Percent	18%, 50%, 60%
CMY	0.8196, 0.4980, 0.4000
CMYK	0.70, 0.16, 0.00, 0.40
HSL	194°, 54%, 39%
HSV	194°, 70%, 60%
XYZ	14.5957, 18.3191, 32.9037
YIQ	106.3320, -56.8970, -9.6090

Conversions

Conversions Part 2

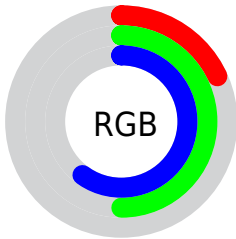
Format	Color
RYB	46, 92, 153
Decimal	3047577
CIELab	49.88, -16.22, -20.62
CIElCh	50, 26.237, 231.821
Yxy	18.3191, 0.2218, 0.2783
Android (android.graphics.Color)	4281237657 (0xFF2E8099)
YUV	106.3320, 23.0073, -52.9112
Hunter-Lab	42.8008, -14.0303, -15.6194

Details

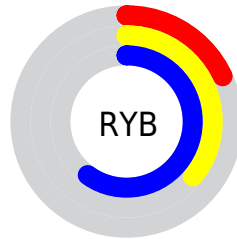
The XYZ color **14.5957, 18.3191, 32.9037** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **15.8840, 11.4770, 3.9637**, and the grayscale version is **13.7415, 14.4571, 15.7438**.

A 20% lighter version of the original color is **33.7302, 40.6169, 65.0936**, and **5.1943, 6.5513, 13.5611** is the 20% darker color. If you saturate the color by 10%, you get **13.5674, 17.1093, 32.7247**, and if you desaturate by 10%, it is **15.8873, 19.6898, 33.1005**.

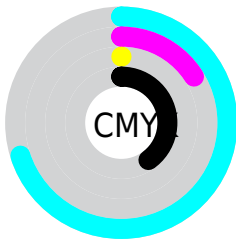
Distribution



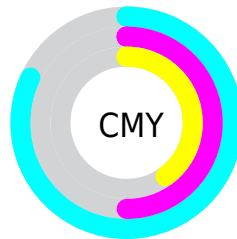
- Red (18%)
- Green (50%)
- Blue (60%)



- Red (18%)
- Yellow (36%)
- Blue (60%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5957, 18.3191, 32.9037 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 14.5957, 18.3191, 32.9037 by changing the saturation by 10% instead.

■ 14.5957, 18.3191,
32.9037

■ 14.5957, 18.3191,
32.9037

214.3431,
242.6636, 329.8343

■ 8.6206, 11.1793,
21.7822

■ 33.7199, 40.5803,
65.3394

■ 4.5497, 6.1876,
13.5001

■ 47.5996, 56.4705,
87.4907

■ 2.0176, 2.9595,
7.6391

■ 64.8450, 76.0464,
114.1557

■ 0.6438, 1.1106,
3.7804

■ 85.8213, 99.6922,
145.7528

■ 0.0000, 0.0000,
1.5057

■ 110.8939,
127.7925, 182.7007

■ 0.0000, 0.0000,
0.2222

■ 140.4282,

■ 0.0000, 0.0000,

160.7315, 225.4179

0.0000

174.7895,
198.8937, 274.3229

■ 14.5957, 18.3191,
32.9037

■ 14.5957, 18.3191,
32.9037

■ 13.5674, 17.1093,
32.7247

■ 15.8873, 19.6898,
33.1005

■ 12.7729, 16.0437,
32.5609

■ 17.4640, 21.2317,
33.3151

■ 12.1448, 15.0879,
32.4095

■ 19.3473, 22.9566,
33.5487

■ 12.1405, 15.0813,
32.4085

■ 21.5562, 24.8744,
33.8025

■ 24.1078, 26.9943,
34.0772

■ 27.0183, 29.3248,
34.3736

■ 30.3026, 31.8738,
34.6925

■ 33.9749, 34.6488,
35.0346

■ 38.0485, 37.6569,
35.4005

Harmonies

Analogous

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



13.3047, 18.3191, 25.5378



14.5957, 18.3191, 32.9037



16.7341, 18.3191, 36.9940

Triad

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



14.5957, 18.3191, 32.9037



22.6391, 18.3191, 21.9781



15.6787, 18.3191, 9.6697

Complementary

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



14.5957, 18.3191, 32.9037



15.8840, 11.4770, 3.9637

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.



18.1074, 18.3191, 9.1547



14.5957, 18.3191, 32.9037



22.2874, 18.3191, 15.2372

Square

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



14.5957, 18.3191, 32.9037



21.4877, 18.3191, 29.7679



20.5686, 18.3191, 10.9347



13.8868, 18.3191, 12.5645

Rectangle

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



14.5957, 18.3191, 32.9037



18.4192, 18.3191, 36.7643



20.5686, 18.3191, 10.9347



16.4417, 18.3191, 9.2458

Sweetspot

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



14.5963, 18.3198, 32.9041



42.4553, 47.7559, 60.9522



13.6549, 23.8184, 9.8344



9.1140, 10.3304, 13.4311



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.5963, 18.3198, 32.9041



23.4344, 29.5171, 58.4342



9.3618, 7.8508, 31.1593



6.2622, 6.7818, 7.9079



10.0600, 12.5167, 26.7934



0.1771, 0.2405, 0.4095

Inverse Universe

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



18.0107, 10.2855, 21.4587



30.3716, 15.6853, 34.6215



20.8969, 21.5029, 5.6346



6.3995, 6.2989, 7.4837



13.5366, 6.6689, 14.6166



0.2158, 0.1051, 0.2895

Previews

White Background



This preview shows how the XYZ color 14.5957, 18.3191, 32.9037 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 14.5957, 18.3191, 32.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

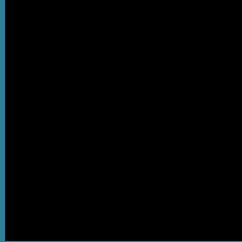
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5957, 18.3191, 32.9037

Background



This preview shows how black text looks on a background with the XYZ color 14.5957, 18.3191, 32.9037.

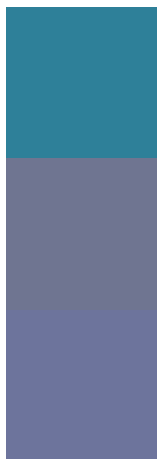


This preview shows how white text looks on a background with the XYZ color 14.5957, 18.3191,

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

14.5957, 18.3191, 32.9037

Protanopia

18.0277, 18.1464, 29.3405

Deuteranopia

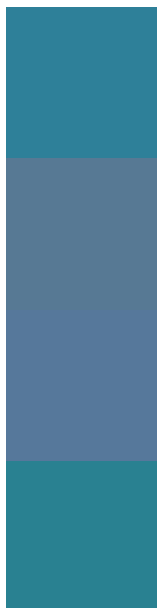
18.5528, 18.1423, 33.9765



Tritanopia

13.5897, 18.3004, 28.0154

Trichromacy



Original Color

14.5957, 18.3191, 32.9037

Protanomaly

16.1131, 17.8391, 30.6110

Deuteranomaly

16.4706, 17.7779, 33.5737

Tritanomaly

13.8755, 18.2163, 29.5728

Monochromacy



Original Color

14.5957, 18.3191, 32.9037

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.2486, 15.3495, 21.0034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5957, 18.3191, 32.9037 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(46, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(46, 128, 153)  
}
```

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(46, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 128, 153) }
```

Border

The CSS property to change the border of an element to XYZ 14.5957, 18.3191, 32.9037 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(46, 128, 153) }
```


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

```
.border{ border-color:rgb(46, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(46, 128,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5957, 18.3191, 32.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 128, 153) }
```

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

```
.background{ background-color: rgb(46, 128,  
153) }
```

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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