

Converting Colors

XYZ(14.5548, 17.8356, 32.5794)

Have a look what the booklet for
XYZ(14.5548, 17.8356, 32.5794)
contains.

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Color

**XYZ(14.5965, 17.9456,
32.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	357E98
RGB	53, 126, 152
RGB Percent	21%, 49%, 60%
CMY	0.7921, 0.5059, 0.4039
CMYK	0.65, 0.17, 0.00, 0.40
HSL	196°, 48%, 40%
HSV	196°, 65%, 60%
XYZ	14.5965, 17.9456, 32.4003
YIQ	107.1370, -51.8540, -7.3900

Conversions

Conversions Part 2

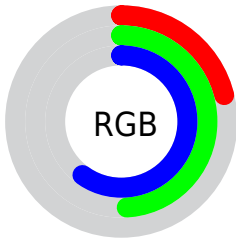
Format	Color
R_{YB}	53, 95, 152
Decimal	3505816
CIE _{Lab}	49.43, -14.27, -20.71
CIE _{LCh}	49, 25.153, 235.437
Yxy	17.9456, 0.2248, 0.2763
Android (android.graphics.Color)	4281695896 (0xFF357E98)
YUV	107.1370, 22.1175, -47.4781
Hunter-Lab	42.3622, -12.6293, -15.6937

Details

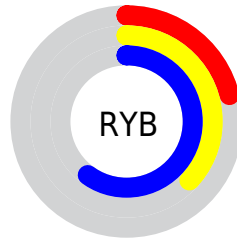
The XYZ color **14.5965, 17.9456, 32.4003** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **16.3879, 12.5249, 4.9225**, and the grayscale version is **13.9646, 14.6918, 15.9994**.

A 20% lighter version of the original color is **33.6911, 40.0114, 64.3398**, and **5.0028, 6.2473, 13.2541** is the 20% darker color. If you saturate the color by 10%, you get **13.4205, 16.5969, 32.2023**, and if you desaturate by 10%, it is **16.0475, 19.4670, 32.6178**.

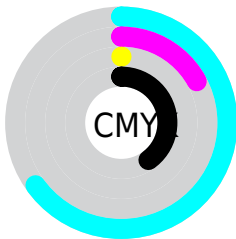
Distribution



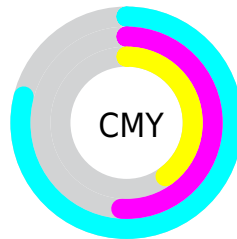
- Red (21%)
- Green (49%)
- Blue (60%)



- Red (21%)
- Yellow (37%)
- Blue (60%)



- Cyan (65%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (79%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5965, 17.9456, 32.4003 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 14.5965, 17.9456, 32.4003 by changing the saturation by 10% instead.

■ 14.5965, 17.9456,
32.4003

■ 14.5965, 17.9456,
32.4003

214.3479,
240.5642, 327.4875

■ 8.6212, 10.9109,
21.4001

■ 33.7212, 39.9446,
64.5433

■ 4.5500, 6.0070,
13.2227

■ 47.6014, 55.6777,
86.5231

■ 2.0178, 2.8493,
7.4495

■ 64.8471, 75.0792,
113.0000

■ 0.6439, 1.0536,
3.6621

■ 85.8239, 98.5332,
144.3923

■ 0.0000, 0.0000,
1.4419

■ 110.8970,
126.4244, 181.1187

■ 0.0000, 0.0000,
0.1741

140.4318,

■ 0.0000, 0.0000,

159.1370, 223.5976

0.0000

174.7936,
197.0555, 272.2477

■ 14.5965, 17.9456,
32.4003

■ 14.5965, 17.9456,
32.4003

■ 13.4205, 16.5969,
32.2023

■ 16.0475, 19.4670,
32.6178

■ 12.4925, 15.4057,
32.0213

■ 17.7938, 21.1707,
32.8546

■ 11.7805, 14.3554,
31.8561

■ 19.8553, 23.0680,
33.1122

■ 11.4708, 13.8735,
31.7794

■ 22.2501, 25.1683,
33.3914

■ 24.9944, 27.4804,
33.6930

■ 28.1038, 30.0126,
34.0179

■ 31.5926, 32.7725,
34.3667

■ 35.4743, 35.7676,
34.7402

■ 39.7619, 39.0047,
35.1391

Harmonies

Analogous

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



13.2585, 17.9456, 25.7084



14.5965, 17.9456, 32.4003



16.6963, 17.9456, 35.6787

Triad

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



14.5965, 17.9456, 32.4003



22.0224, 17.9456, 20.5980



15.1707, 17.9456, 9.9537

Complementary

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



14.5965, 17.9456, 32.4003



16.3879, 12.5249, 4.9225

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.



17.4224, 17.9456, 9.1922



14.5965, 17.9456, 32.4003



21.5189, 17.9456, 14.4463

Square

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



14.5965, 17.9456, 32.4003



21.0978, 17.9456, 27.9320



19.7790, 17.9456, 10.6317



13.5678, 17.9456, 13.0233

Rectangle

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



14.5965, 17.9456, 32.4003



18.3006, 17.9456, 35.0400



19.7790, 17.9456, 10.6317



15.8706, 17.9456, 9.4548

Sweetspot

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



14.5971, 17.9463, 32.4007



41.4906, 46.3110, 59.1858



14.0631, 23.7603, 11.0064



9.1514, 10.2896, 13.4212



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.



14.5971, 17.9463, 32.4007



22.9183, 28.3395, 56.6958



9.8429, 8.4378, 30.8160



6.2473, 6.7519, 7.9030



9.6439, 11.6845, 26.6548



0.1731, 0.2325, 0.4081

Inverse Universe

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



17.9884, 10.7285, 20.8621



29.7388, 15.9295, 33.0169



21.2137, 22.1764, 6.5310



6.3919, 6.2959, 7.4440



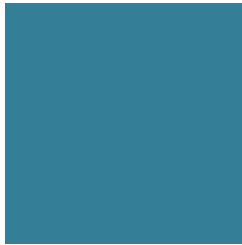
13.3266, 6.5849, 13.5106



0.2138, 0.1043, 0.2788

Previews

White Background



This preview shows how the XYZ color 14.5965, 17.9456, 32.4003 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 14.5965, 17.9456, 32.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

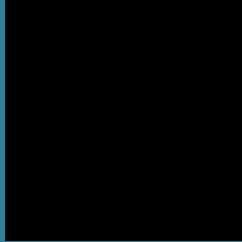
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5965, 17.9456, 32.4003

Background



This preview shows how black text looks on a background with the XYZ color 14.5965, 17.9456, 32.4003.

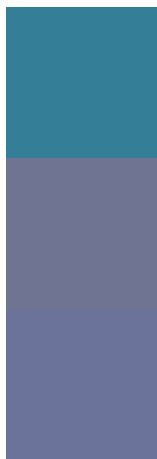


This preview shows how white text looks on a background with the XYZ color 14.5965, 17.9456,

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

14.5965, 17.9456, 32.4003

Protanopia

17.7866, 17.8501, 29.2960

Deuteranopia

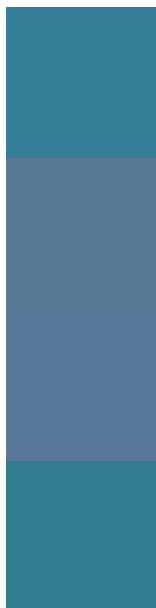
18.1478, 17.7827, 33.0478



Tritanopia

13.5061, 17.8833, 27.1661

Trichromacy



Original Color

14.5965, 17.9456, 32.4003

Protanomaly

16.1816, 17.6949, 30.5796

Deuteranomaly

16.3711, 17.5683, 32.6652

Tritanomaly

13.8900, 17.8453, 29.0980

Monochromacy



Original Color

14.5965, 17.9456, 32.4003

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.5229, 15.4909, 21.0162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5965, 17.9456, 32.4003 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(53, 126, 152)` looks like.

```
.text, #text, p{  
    color:rgb(53, 126, 152)  
}
```

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(53, 126, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 126, 152) }
```

Border

The CSS property to change the border of an element to XYZ 14.5965, 17.9456, 32.4003 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(53, 126, 152) }
```


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

```
.border{ border-color:rgb(53, 126, 152) }
```

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

Here you see how a box with a 4 pixel rgb(53, 126, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 126, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 126, 152);  
box-shadow:4px 4px 4px 4px rgb(53, 126,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5965, 17.9456, 32.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 126, 152) }
```

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

```
.background{ background-color: rgb(53, 126,  
152) }
```

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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