

Converting Colors

XYZ(14.3362, 17.7499, 21.8079)

Have a look what the booklet for
XYZ(14.3362, 17.7499, 21.8079)
contains.

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Color

**XYZ(14.2391, 17.6199,
21.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	517C7C
RGB	81, 124, 124
RGB Percent	32%, 49%, 49%
CMY	0.6823, 0.5137, 0.5137
CMYK	0.35, 0.00, 0.00, 0.51
HSL	180°, 21%, 40%
HSV	180°, 35%, 49%
XYZ	14.2391, 17.6199, 21.7193
YIQ	111.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

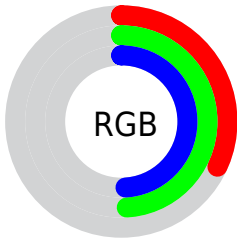
Format	Color
R_{YB}	81, 103, 124
Decimal	5340284
CIE _{Lab}	49.03, -14.76, -4.73
CIE _{LCh}	49, 15.497, 197.788
Yxy	17.6199, 0.2658, 0.3289
Android (android.graphics.Color)	4283530364 (0xFF517C7C)
YUV	111.1430, 6.3385, -26.4354
Hunter-Lab	41.9761, -12.9074, -1.2946

Details

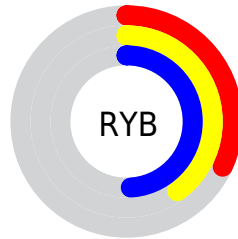
The XYZ color **14.2391, 17.6199, 21.7193** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7404, 10.7646, 9.1915**, and the grayscale version is **15.1389, 15.9273, 17.3448**.

A 20% lighter version of the original color is **33.0743, 39.4844, 46.9523**, and **4.3817, 5.8472, 7.5543** is the 20% darker color. If you saturate the color by 10%, you get **13.2722, 17.1219, 21.6743**, and if you desaturate by 10%, it is **15.4012, 18.2194, 21.7742**.

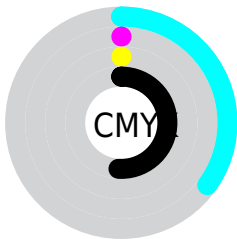
Distribution



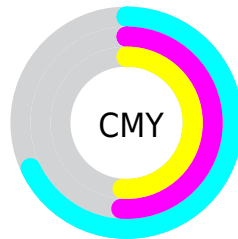
- Red (32%)
- Green (49%)
- Blue (49%)



- Red (32%)
- Yellow (40%)
- Blue (49%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2391, 17.6199, 21.7193 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 14.2391, 17.6199, 21.7193 by changing the saturation by 10% instead.

■ 14.2391, 17.6199,
21.7193

■ 14.2391, 17.6199,
21.7193

212.1942,
238.7198, 273.9824

■ 8.3700, 10.6774,
13.4545

■ 33.0954, 39.3886,
47.1778

■ 4.3864, 5.8504,
7.6078

■ 46.8133, 54.9836,
65.2086

■ 1.9230, 2.7543,
3.7609

■ 63.8781, 74.2315,
87.3318

■ 0.5901, 1.0049,
1.4951

■ 84.6553, 97.5169,
113.9659

■ 0.0000, 0.0000,
0.2143

■ 109.5101,
125.2240, 145.5295

■ 0.0000, 0.0000,
0.0000

138.8080,

157.7372, 182.4410

172.9142,
195.4410, 225.1192

■ 14.2391, 17.6199,
21.7193

■ 14.2391, 17.6199,
21.7193

■ 13.2722, 17.1219,
21.6743

■ 15.4012, 18.2194,
21.7742

■ 12.4882, 16.7177,
21.6375

■ 16.7666, 18.9233,
21.8383

■ 11.8762, 16.4022,
21.6087

■ 18.3450, 19.7370,
21.9123

■ 11.4232, 16.1687,
21.5873

■ 20.1449, 20.6649,
21.9967

■ 11.1145, 16.0096,
21.5727

■ 22.1745, 21.7112,
22.0918

■ 10.9286, 15.9137,
21.5639

■ 24.4414, 22.8798,
22.1980

■ 10.8459, 15.8711,
21.5599

■ 26.9530, 24.1746,
22.3157

■ 29.7162, 25.5991,
22.4452

■ 32.7379, 27.1568,
22.5867

Harmonies

Analogous

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



14.1764, 17.6199, 17.5510



14.2391, 17.6199, 21.7193



14.9494, 17.6199, 25.7008

Triad

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



14.2391, 17.6199, 21.7193



18.8899, 17.6199, 25.0416



17.3417, 17.6199, 12.4131

Complementary

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



14.2391, 17.6199, 21.7193



12.7404, 10.7646, 9.1915

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.



18.6836, 17.6199, 13.8757



14.2391, 17.6199, 21.7193



19.6113, 17.6199, 20.9175

Square

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



14.2391, 17.6199, 21.7193



17.6101, 17.6199, 27.8004



19.5337, 17.6199, 16.8561



15.9129, 17.6199, 12.5635

Rectangle

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



14.2391, 17.6199, 21.7193



15.7189, 17.6199, 27.5323



19.5337, 17.6199, 16.8561



17.8194, 17.6199, 12.7226

Sweetspot

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



14.2396, 17.6206, 21.7197



30.6900, 33.9105, 38.4842



12.1485, 16.7913, 10.3857



7.1532, 7.9479, 9.0601



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.2396, 17.6206, 21.7197



23.6179, 30.2648, 38.1524



11.9038, 12.9488, 20.9416



4.1071, 4.5124, 5.0977



11.0255, 16.1339, 21.9168



52.5926, 76.9601, 104.5452

Inverse Universe

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



12.7404, 10.7646, 9.1915



20.5411, 16.1941, 12.4408



14.5281, 14.3400, 9.7871



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3956



40.3081, 20.7796, 1.8866

Previews

White Background



This preview shows how the XYZ color 14.2391, 17.6199, 21.7193 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 14.2391, 17.6199, 21.7193 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

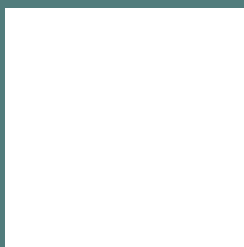
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2391, 17.6199, 21.7193

Background



This preview shows how black text looks on a background with the XYZ color 14.2391, 17.6199, 21.7193.



This preview shows how white text looks on a background with the XYZ color 14.2391, 17.6199,

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

14.2391, 17.6199, 21.7193

Protanopia

16.7966, 17.3753, 19.9213

Deuteranopia

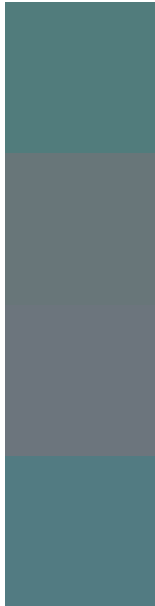
17.8394, 17.5276, 22.1816



Tritanopia

14.8839, 17.6984, 24.8220

Trichromacy



Original Color

14.2391, 17.6199, 21.7193

Protanomaly

15.6385, 17.2804, 20.6004

Deuteranomaly

16.2473, 17.3914, 21.9026

Tritanomaly

14.5919, 17.5715, 23.7416

Monochromacy



Original Color

14.2391, 17.6199, 21.7193

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.6533, 16.4611, 18.9280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2391, 17.6199, 21.7193 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(81, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(81, 124, 124)  
}
```

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(81, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 124, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.2391, 17.6199, 21.7193 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(81, 124, 124) }
```


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

```
.border{ border-color:rgb(81, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(81, 124,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2391, 17.6199, 21.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 124, 124) }
```

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

```
.background{ background-color: rgb(81, 124,  
124) }
```

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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