

Converting Colors

XYZ(13.9695, 17.2157, 21.7779)

Have a look what the booklet for
XYZ(13.9695, 17.2157, 21.7779)
contains.

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Color

**XYZ(14.0293, 17.3266,
21.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	507B7C
RGB	80, 123, 124
RGB Percent	31%, 48%, 49%
CMY	0.6863, 0.5176, 0.5137
CMYK	0.35, 0.01, 0.00, 0.51
HSL	181°, 22%, 40%
HSV	181°, 35%, 49%
XYZ	14.0293, 17.3266, 21.6737
YIQ	110.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

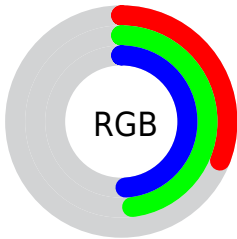
Format	Color
R_{YB}	80, 102, 124
Decimal	5274492
CIE _{Lab}	48.67, -14.50, -5.28
CIE _{LCh}	49, 15.434, 199.998
Yxy	17.3266, 0.2646, 0.3267
Android (android.graphics.Color)	4283464572 (0xFF507B7C)
YUV	110.2570, 6.7753, -26.5354
Hunter-Lab	41.6252, -12.6828, -1.7338

Details

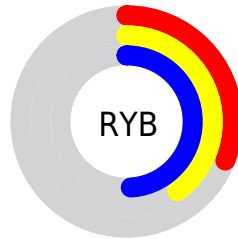
The XYZ color **14.0293, 17.3266, 21.6737** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.7028, 10.7493, 8.9951**, and the grayscale version is **14.8817, 15.6567, 17.0501**.

A 20% lighter version of the original color is **32.7219, 39.0106, 46.8795**, and **4.2839, 5.6969, 7.5304** is the 20% darker color. If you saturate the color by 10%, you get **13.0427, 16.7667, 21.6179**, and if you desaturate by 10%, it is **15.2103, 17.9877, 21.7394**.

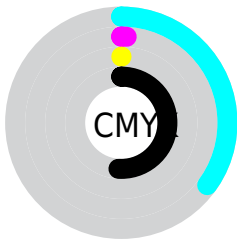
Distribution



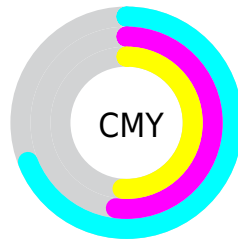
- Red (31%)
- Green (48%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0293, 17.3266, 21.6737 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 14.0293, 17.3266, 21.6737 by changing the saturation by 10% instead.

■ 14.0293, 17.3266,
21.6737

■ 14.0293, 17.3266,
21.6737

210.9200,
237.0475, 273.7352

■ 8.2229, 10.4676,
13.4213

■ 32.7268, 38.8865,
47.1014

■ 4.2909, 5.7101,
7.5852

■ 46.3487, 54.3561,
65.1137

■ 1.8680, 2.6696,
3.7467

■ 63.3064, 73.4648,
87.2165

■ 0.5581, 0.9618,
1.4875

■ 83.9652, 96.5970,
113.8282

■ 0.0000, 0.0000,
0.2086

■ 108.6907,
124.1369, 145.3673

■ 0.0000, 0.0000,
0.0000

137.8481,

156.4690, 182.2525

171.8027,
193.9778, 224.9023

■ 14.0293, 17.3266,
21.6737

■ 14.0293, 17.3266,
21.6737

■ 13.0427, 16.7667,
21.6179

■ 15.2103, 17.9877,
21.7394

■ 12.2384, 16.3004,
21.5703

■ 16.5939, 18.7531,
21.8142

■ 11.6051, 15.9225,
21.5307

■ 18.1899, 19.6280,
21.8989

■ 11.1297, 15.6261,
21.4986

■ 20.0069, 20.6171,
21.9941

■ 10.7975, 15.4037,
21.4732

■ 22.0529, 21.7244,
22.1000

■ 10.5838, 15.2425,
21.4533

■ 24.3358, 22.9539,
22.2170

■ 10.4982, 15.1754,
21.4449

■ 26.8629, 24.3095,
22.3454

■ 29.6412, 25.7947,
22.4857

■ 32.6774, 27.4130,
22.6380

Harmonies

Analogous

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



13.9187, 17.3266, 17.5375



14.0293, 17.3266, 21.6737



14.7718, 17.3266, 25.5257

Triad

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



14.0293, 17.3266, 21.6737



18.6540, 17.3266, 24.3631



16.9481, 17.3266, 12.1545

Complementary

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



14.0293, 17.3266, 21.6737



12.7028, 10.7493, 8.9951

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.



18.2902, 17.3266, 13.4784



14.0293, 17.3266, 21.6737



19.3119, 17.3266, 20.2594

Square

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



14.0293, 17.3266, 21.6737



17.4217, 17.3266, 27.2267



19.1750, 17.3266, 16.3114



15.5505, 17.3266, 12.4200

Rectangle

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



14.0293, 17.3266, 21.6737



15.5503, 17.3266, 27.2264



19.1750, 17.3266, 16.3114



17.4219, 17.3266, 12.4201

Sweetspot

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



14.0298, 17.3273, 21.6741



30.3402, 33.6266, 38.4481



11.9915, 16.7112, 10.3262



7.0750, 7.8808, 9.0513



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.



14.0298, 17.3273, 21.6741



23.1853, 29.6387, 38.0555



11.6263, 12.5203, 20.8729



4.0996, 4.4976, 5.0952



10.6720, 15.4265, 21.8004



50.8175, 73.4076, 103.9605

Inverse Universe

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



14.7564, 11.4529, 20.1725



24.6827, 17.6269, 34.9397



14.5842, 14.5122, 9.6223



4.1507, 4.0760, 4.9915



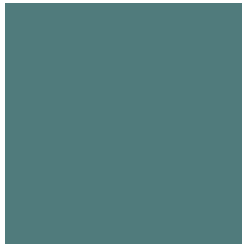
11.9701, 5.7642, 18.9312



57.0535, 27.4777, 90.0664

Previews

White Background



This preview shows how the XYZ color 14.0293, 17.3266, 21.6737 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 14.0293, 17.3266, 21.6737 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

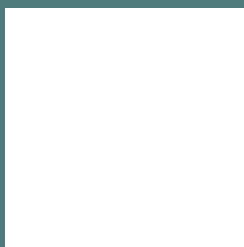
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0293, 17.3266, 21.6737

Background



This preview shows how black text looks on a background with the XYZ color 14.0293, 17.3266, 21.6737.



This preview shows how white text looks on a background with the XYZ color 14.0293, 17.3266,

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

14.0293, 17.3266, 21.6737

Protanopia

16.6630, 17.3064, 19.9150

Deuteranopia

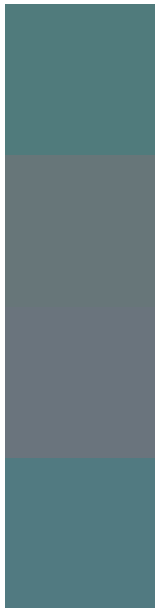
17.4452, 17.1596, 22.1313



Tritanopia

14.6041, 17.3788, 24.4145

Trichromacy



Original Color

14.0293, 17.3266, 21.6737

Protanomaly

15.5231, 17.2209, 20.5950

Deuteranomaly

15.8909, 17.0356, 21.8527

Tritanomaly

14.3153, 17.2534, 23.3446

Monochromacy



Original Color

14.0293, 17.3266, 21.6737

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3708, 16.1519, 18.5799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0293, 17.3266, 21.6737 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(80, 123, 124) looks like.

```
.text, #text, p{  
  color:rgb(80, 123, 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(80, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 123, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.0293, 17.3266, 21.6737 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(80, 123, 124) }
```


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

```
.border{ border-color:rgb(80, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(80, 123,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0293, 17.3266, 21.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 123, 124) }
```

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

```
.background{ background-color: rgb(80, 123,  
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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