

Converting Colors

XYZ(13.7994, 17.3934, 22.4452)

Have a look what the booklet for
XYZ(13.7994, 17.3934, 22.4452)
contains.

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Color

**XYZ(13.7976, 17.3775,
22.3656)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7C7E
RGB	74, 124, 126
RGB Percent	29%, 49%, 49%
CMY	0.7098, 0.5137, 0.5059
CMYK	0.41, 0.02, 0.00, 0.51
HSL	182°, 26%, 39%
HSV	182°, 41%, 49%
XYZ	13.7976, 17.3775, 22.3656
YIQ	109.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

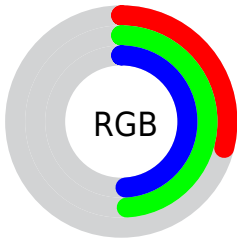
Format	Color
RYB	74, 99, 126
Decimal	4881534
CIELab	48.73, -16.24, -6.40
CIElCh	49, 17.454, 201.506
Yxy	17.3775, 0.2577, 0.3246
Android (android.graphics.Color)	4283071614 (0xFF4A7C7E)
YUV	109.2780, 8.2439, -30.9388
Hunter-Lab	41.6863, -13.8700, -2.6299

Details

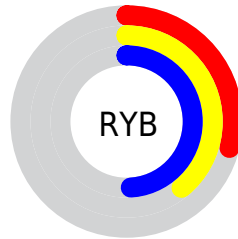
The XYZ color **13.7976, 17.3775, 22.3656** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.4249, 10.0992, 7.7735**, and the grayscale version is **14.5987, 15.3590, 16.7259**.

A 20% lighter version of the original color is **32.4630, 39.1346, 48.4906**, and **4.1865, 5.7385, 7.9082** is the 20% darker color. If you saturate the color by 10%, you get **12.8627, 16.8061, 22.3049**, and if you desaturate by 10%, it is **14.9282, 18.0511, 22.4363**.

Distribution



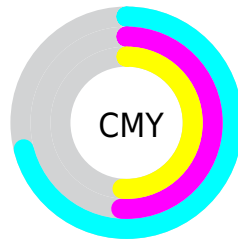
- Red (29%)
- Green (49%)
- Blue (49%)



- Red (29%)
- Yellow (39%)
- Blue (49%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7976, 17.3775, 22.3656 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 13.7976, 17.3775, 22.3656 by changing the saturation by 10% instead.

■ 13.7976, 17.3775,
22.3656

■ 13.7976, 17.3775,
22.3656

209.5039,
237.3385, 277.4652

■ 8.0608, 10.5040,
13.9249

■ 32.3187, 38.9737,
48.2594

■ 4.1860, 5.7344,
7.9303

■ 45.8338, 54.4652,
66.5496

■ 1.8079, 2.6843,
3.9632

■ 62.6723, 73.5981,
88.9601

■ 0.5224, 0.9692,
1.6052

■ 83.1996, 96.7569,
115.9094

■ 0.0000, 0.0000,
0.2945

■ 107.7810,
124.3260, 147.8160

■ 0.0000, 0.0000,
0.0000

136.7820,

156.6897, 185.0984

170.5679,
194.2324, 228.1753

■ 13.7976, 17.3775,
22.3656

■ 13.7976, 17.3775,
22.3656

■ 12.8627, 16.8061,
22.3049

■ 14.9282, 18.0511,
22.4363

■ 12.1102, 16.3287,
22.2524

■ 16.2636, 18.8303,
22.5163

■ 11.5278, 15.9395,
22.2080

■ 17.8143, 19.7209,
22.6065

■ 11.1008, 15.6308,
22.1709

■ 19.5896, 20.7278,
22.7073

■ 10.8121, 15.3939,
22.1404

■ 21.5981, 21.8553,
22.8191

■ 10.6225, 15.2195,
22.1167

■ 23.8482, 23.1078,
22.9422

■ 26.3477, 24.4893,
23.0772

■ 29.1041, 26.0037,
23.2242

■ 32.1246, 27.6548,
23.3837

Harmonies

Analogous

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



13.6370, 17.3775, 17.6401



13.7976, 17.3775, 22.3656



14.6617, 17.3775, 26.7540

Triad

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



13.7976, 17.3775, 22.3656



19.0635, 17.3775, 25.0017



16.9788, 17.3775, 11.4295

Complementary

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



13.7976, 17.3775, 22.3656



12.4249, 10.0992, 7.7735

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.



18.5221, 17.3775, 12.7891



13.7976, 17.3775, 22.3656



19.7759, 17.3775, 20.2628

Square

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



13.7976, 17.3775, 22.3656



17.6794, 17.3775, 28.4400



19.5716, 17.3775, 15.8498



15.4063, 17.3775, 11.8056

Rectangle

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



13.7976, 17.3775, 22.3656



15.5530, 17.3775, 28.6499



19.5716, 17.3775, 15.8498



17.5196, 17.3775, 11.6894

Sweetspot

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



13.7981, 17.3782, 22.3660



31.0627, 34.5448, 39.7750



11.5805, 16.8960, 9.4403



7.0007, 7.8206, 9.0436



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.



13.7981, 17.3782, 22.3660



22.6556, 29.5912, 39.2619



10.9830, 11.7480, 21.4276



4.4327, 4.8595, 5.5176



10.8968, 15.6121, 22.6891



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.6915, 10.7889, 20.3776



24.4832, 16.3224, 35.1470



14.5658, 14.3809, 8.4871



4.4913, 4.4097, 5.3914



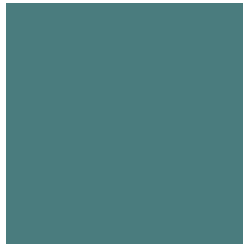
12.3772, 5.9706, 19.1078



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7976, 17.3775, 22.3656 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 13.7976, 17.3775, 22.3656 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 13.7976, 17.3775, 22.3656

Background



This preview shows how black text looks on a background with the XYZ color 13.7976, 17.3775, 22.3656.



This preview shows how white text looks on a background with the XYZ color 13.7976, 17.3775,

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

13.7976, 17.3775, 22.3656

Protanopia

16.7234, 17.3305, 20.2330

Deuteranopia

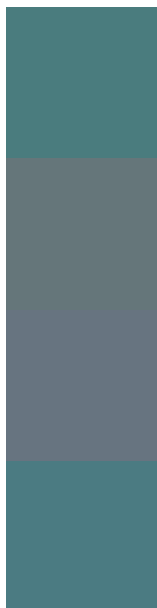
17.5023, 17.1664, 23.1598



Tritanopia

14.2971, 17.3959, 24.7945

Trichromacy



Original Color

13.7976, 17.3775, 22.3656

Protanomaly

15.3581, 17.1287, 20.9091

Deuteranomaly

15.7352, 16.9329, 22.8611

Tritanomaly

14.0139, 17.2735, 23.7146

Monochromacy



Original Color

13.7976, 17.3775, 22.3656

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.9357, 15.7592, 18.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7976, 17.3775, 22.3656 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(74, 124, 126)` looks like.

```
.text, #text, p{  
    color:rgb(74, 124, 126)  
}
```

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(74, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 124, 126) }
```

Border

The CSS property to change the border of an element to XYZ 13.7976, 17.3775, 22.3656 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(74, 124, 126) }
```


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

```
.border{ border-color:rgb(74, 124, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 124, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 124, 126);  
box-shadow:4px 4px 4px 4px rgb(74, 124,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7976, 17.3775, 22.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 124, 126) }
```

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

```
.background{ background-color: rgb(74, 124,  
126) }
```

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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