

Converting Colors

XYZ(14.0928, 17.6685, 22.3780)

Have a look what the booklet for
XYZ(14.0928, 17.6685, 22.3780)
contains.

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Color

**XYZ(14.1601, 17.7514,
22.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7D7E
RGB	77, 125, 126
RGB Percent	30%, 49%, 49%
CMY	0.6980, 0.5098, 0.5059
CMYK	0.39, 0.01, 0.00, 0.51
HSL	181°, 24%, 40%
HSV	181°, 39%, 49%
XYZ	14.1601, 17.7514, 22.4187
YIQ	110.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

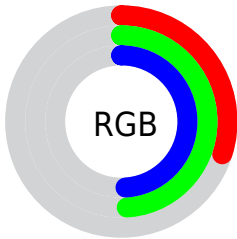
Format	Color
RYB	77, 101, 126
Decimal	5078398
CIELab	49.19, -15.94, -5.70
CIELCh	49, 16.931, 199.663
Yxy	17.7514, 0.2606, 0.3267
Android (android.graphics.Color)	4283268478 (0xFF4D7D7E)
YUV	110.7620, 7.5123, -29.6093
Hunter-Lab	42.1324, -13.7404, -2.0556

Details

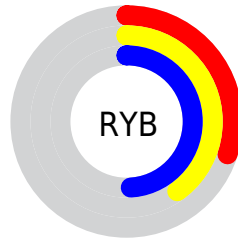
The XYZ color **14.1601, 17.7514, 22.4187** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6684, 10.4204, 8.3652**, and the grayscale version is **15.0259, 15.8084, 17.2154**.

A 20% lighter version of the original color is **33.1103, 39.7626, 48.5777**, and **4.3500, 5.9243, 7.9354** is the 20% darker color. If you saturate the color by 10%, you get **13.2080, 17.2128, 22.3652**, and if you desaturate by 10%, it is **15.3103, 18.3931, 22.4822**.

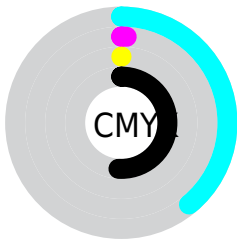
Distribution



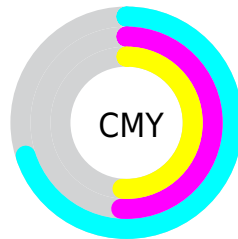
- Red (30%)
- Green (49%)
- Blue (49%)



- Red (30%)
- Yellow (40%)
- Blue (49%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1601, 17.7514, 22.4187 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 14.1601, 17.7514, 22.4187 by changing the saturation by 10% instead.

■ 14.1601, 17.7514,
22.4187

■ 14.1601, 17.7514,
22.4187

211.7153,
239.4661, 277.7496

■ 8.3145, 10.7717,
13.9636

■ 32.9567, 39.6133,
48.3481

■ 4.3504, 5.9135,
7.9569

■ 46.6385, 55.2642,
66.6595

■ 1.9022, 2.7926,
3.9800

■ 63.6631, 74.5742,
89.0934

■ 0.5781, 1.0244,
1.6144

■ 84.3958, 97.9279,
116.0683

■ 0.0000, 0.0000,
0.3011

■ 109.2020,
125.7095, 148.0029

■ 0.0000, 0.0000,
0.0000

138.4471,

158.3035, 185.3156

172.4964,
196.0942, 228.4250

■ 14.1601, 17.7514,
22.4187

■ 14.1601, 17.7514,
22.4187

■ 13.2080, 17.2128,
22.3652

■ 15.3103, 18.3931,
22.4822

■ 12.4410, 16.7694,
22.3201

■ 16.6675, 19.1412,
22.5551

■ 11.8471, 16.4152,
22.2830

■ 18.2421, 20.0015,
22.6382

■ 11.4121, 16.1431,
22.2534

■ 20.0431, 20.9786,
22.7319

■ 11.1195, 15.9446,
22.2305

■ 22.0791, 22.0771,
22.8366

■ 10.9239, 15.7962,
22.2122

■ 24.3584, 23.3010,
22.9527

■ 10.9028, 15.7801,
22.2102

■ 26.8888, 24.6545,
23.0806

■ 29.6775, 26.1414,
23.2206

■ 32.7319, 27.7653,
23.3730

Harmonies

Analogous

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



14.0462, 17.7514, 17.8029



14.1601, 17.7514, 22.4187



14.9741, 17.7514, 26.7797

Triad

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



14.1601, 17.7514, 22.4187



19.3053, 17.7514, 25.5510



17.4254, 17.7514, 11.9461

Complementary

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



14.1601, 17.7514, 22.4187



12.6684, 10.4204, 8.3652

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.



18.9242, 17.7514, 13.4057



14.1601, 17.7514, 22.4187



20.0538, 17.7514, 20.9383

Square

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



14.1601, 17.7514, 22.4187



17.9193, 17.7514, 28.7752



19.9102, 17.7514, 16.5357



15.8666, 17.7514, 12.2148

Rectangle

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



14.1601, 17.7514, 22.4187



15.8343, 17.7514, 28.7293



19.9102, 17.7514, 16.5357



17.9545, 17.7514, 12.2407

Sweetspot

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



14.1606, 17.7521, 22.4191



31.1253, 34.6700, 39.7959



11.8904, 17.0473, 9.8375



7.0161, 7.8514, 9.0487



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.



14.1606, 17.7521, 22.4191



23.3689, 30.3665, 39.3740



11.4499, 12.3305, 21.5155



4.4392, 4.8723, 5.5198



11.1846, 16.1878, 22.7850



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.9602, 11.2245, 20.7809



25.0021, 17.1385, 36.0038



14.7267, 14.5370, 9.0513



4.4945, 4.4110, 5.4085



12.5225, 6.0287, 19.8728



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1601, 17.7514, 22.4187 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 14.1601, 17.7514, 22.4187 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 14.1601, 17.7514, 22.4187

Background



This preview shows how black text looks on a background with the XYZ color 14.1601, 17.7514, 22.4187.



This preview shows how white text looks on a background with the XYZ color 14.1601, 17.7514,

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

14.1601, 17.7514, 22.4187

Protanopia

16.9717, 17.6288, 20.2775

Deuteranopia

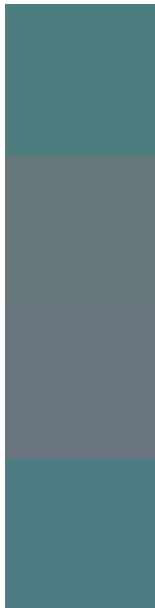
17.8274, 17.5063, 22.8615



Tritanopia

14.7352, 17.7988, 25.2131

Trichromacy



Original Color

14.1601, 17.7514, 22.4187

Protanomaly

15.5892, 17.4236, 20.9538

Deuteranomaly

16.1359, 17.3191, 22.5711

Tritanomaly

14.4463, 17.6737, 24.1227

Monochromacy



Original Color

14.1601, 17.7514, 22.4187

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.5434, 16.4044, 18.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1601, 17.7514, 22.4187 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(77, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(77, 125, 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(77, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 14.1601, 17.7514, 22.4187 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(77, 125, 126) }
```


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

```
.border{ border-color:rgb(77, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(77, 125,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1601, 17.7514, 22.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 125, 126) }
```

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

```
.background{ background-color: rgb(77, 125,  
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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