

Converting Colors

XYZ(14.2188, 17.8177, 20.4482)

Have a look what the booklet for
XYZ(14.2188, 17.8177, 20.4482)
contains.

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Color

**XYZ(14.2035, 17.8171,
20.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	527D78
RGB	82, 125, 120
RGB Percent	32%, 49%, 47%
CMY	0.6784, 0.5098, 0.5294
CMYK	0.34, 0.00, 0.04, 0.51
HSL	173°, 21%, 41%
HSV	173°, 34%, 49%
XYZ	14.2035, 17.8171, 20.4597
YIQ	111.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

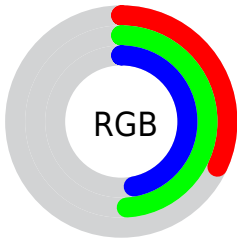
Format	Color
R _Y B	82, 105, 125
Decimal	5406072
CIE Lab	49.27, -16.02, -2.01
CIE LCh	49, 16.146, 187.163
Yxy	17.8171, 0.2706, 0.3395
Android (android.graphics.Color)	4283596152 (0xFF527D78)
YUV	111.5730, 4.1545, -25.9355
Hunter-Lab	42.2103, -13.8039, 0.8088

Details

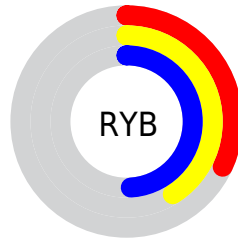
The XYZ color **14.2035, 17.8171, 20.4597** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.1957, 11.0833, 10.4615**, and the grayscale version is **15.2699, 16.0651, 17.4949**.

A 20% lighter version of the original color is **33.0397, 39.8059, 44.9717**, and **4.3813, 5.9601, 7.0504** is the 20% darker color. If you saturate the color by 10%, you get **13.1266, 17.2725, 19.9525**, and if you desaturate by 10%, it is **15.4809, 18.4658, 20.9840**.

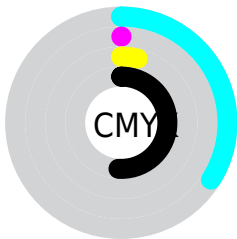
Distribution



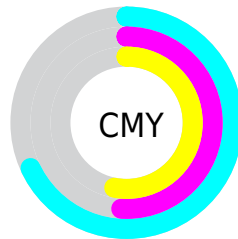
- Red (32%)
- Green (49%)
- Blue (47%)



- Red (32%)
- Yellow (41%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (51%)



- Cyan (68%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2035, 17.8171, 20.4597 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 14.2035, 17.8171, 20.4597 by changing the saturation by 10% instead.

■ 14.2035, 17.8171,
20.4597

■ 14.2035, 17.8171,
20.4597

211.9785,
239.8381, 267.0791

■ 8.3450, 10.8188,
12.5423

■ 33.0329, 39.7254,
45.0556

■ 4.3701, 5.9451,
6.9871

■ 46.7346, 55.4042,
62.5712

■ 1.9136, 2.8117,
3.3757

■ 63.7813, 74.7452,
84.1232

■ 0.5847, 1.0342,
1.2895

■ 84.5384, 98.1329,
110.1302

■ 0.0000, 0.0000,
0.0532

■ 109.3714,
125.9516, 141.0108

■ 0.0000, 0.0000,
0.0000

138.6455,

158.5858, 177.1834

172.7261,
196.4198, 219.0667

■ 14.2035, 17.8171,
20.4597

■ 14.2035, 17.8171,
20.4597

■ 13.1266, 17.2725,
19.9525

■ 15.4809, 18.4658,
20.9840

■ 12.2377, 16.8242,
19.4607

■ 16.9671, 19.2215,
21.5248

■ 11.5257, 16.4670,
18.9841

■ 18.6720, 20.0898,
22.0828

■ 10.9774, 16.1940,
18.5221

■ 20.6042, 21.0752,
22.6586

■ 10.5779, 15.9975,
18.0739

■ 22.7721, 22.1819,
23.2525

■ 10.3061, 15.8668,
17.6385

■ 25.1834, 23.4139,
23.8650

■ 10.1736, 15.8037,
17.3986

■ 27.8457, 24.7752,
24.4963

■ 30.7661, 26.2693,
25.1470

■ 33.9514, 27.8998,
25.8173

Harmonies

Analogous

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



14.3873, 17.8171, 16.3363



14.2035, 17.8171, 20.4597



14.7159, 17.8171, 24.8935

Triad

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



14.2035, 17.8171, 20.4597



18.7576, 17.8171, 26.8435



18.0915, 17.8171, 12.6773

Complementary

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



14.2035, 17.8171, 20.4597



13.1957, 11.0833, 10.4615

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.



19.3659, 17.8171, 14.7804



14.2035, 17.8171, 20.4597



19.7662, 17.8171, 22.8241

Square

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



14.2035, 17.8171, 20.4597



17.3008, 17.8171, 28.9195



19.9952, 17.8171, 18.3771



16.5737, 17.8171, 12.2386

Rectangle

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



14.2035, 17.8171, 20.4597



15.4024, 17.8171, 27.2950



19.9952, 17.8171, 18.3771



18.5652, 17.8171, 13.1960

Sweetspot

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



14.2040, 17.8178, 20.4601



31.6035, 35.0413, 38.9559



12.7893, 17.3042, 10.6492



7.1105, 7.9308, 8.8351



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.



14.2040, 17.8178, 20.4601



23.9385, 31.1485, 35.9450



12.5992, 14.1096, 21.4621



4.4256, 4.8786, 5.4123



10.6162, 16.4931, 18.1496



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.1957, 11.0833, 10.4615



21.8567, 17.2270, 15.2887



14.3941, 13.7959, 9.8874



4.3466, 4.3518, 4.6294



8.9121, 4.5845, 0.8608



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2035, 17.8171, 20.4597 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 14.2035, 17.8171, 20.4597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

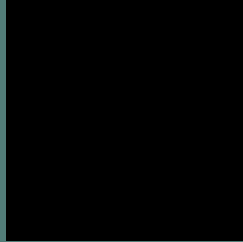
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

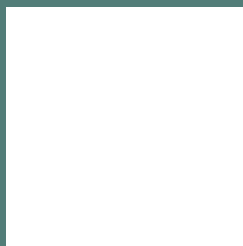
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2035, 17.8171, 20.4597

Background



This preview shows how black text looks on a background with the XYZ color 14.2035, 17.8171, 20.4597.



This preview shows how white text looks on a background with the XYZ color 14.2035, 17.8171,

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

14.2035, 17.8171, 20.4597

Protanopia

16.9477, 17.6505, 18.7333

Deuteranopia

17.8754, 17.5754, 20.8626



Tritanopia

15.0629, 17.7907, 24.8303

Trichromacy



Original Color

14.2035, 17.8171, 20.4597

Protanomaly

15.7516, 17.5422, 19.3854

Deuteranomaly

16.1192, 17.3543, 20.5893

Tritanomaly

14.7601, 17.8586, 23.0912

Monochromacy



Original Color

14.2035, 17.8171, 20.4597

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8226, 16.7271, 18.6671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2035, 17.8171, 20.4597 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(82, 125, 120) looks like.

```
.text, #text, p{  
    color:rgb(82, 125, 120)  
}
```

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(82, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 125, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.2035, 17.8171, 20.4597 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(82, 125, 120) }
```


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

```
.border{ border-color:rgb(82, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(82, 125,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2035, 17.8171, 20.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 125, 120) }
```

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

```
.background{ background-color: rgb(82, 125,  
120) }
```

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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