

Converting Colors

XYZ(10.1547, 14.0905, 20.3130)

Have a look what the booklet for
XYZ(10.1547, 14.0905, 20.3130)
contains.

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Color

**XYZ(10.1486, 14.1043,
20.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	1B7479
RGB	27, 116, 121
RGB Percent	11%, 45%, 47%
CMY	0.8941, 0.5451, 0.5255
CMYK	0.78, 0.04, 0.00, 0.53
HSL	183°, 64%, 29%
HSV	183°, 78%, 47%
XYZ	10.1486, 14.1043, 20.2767
YIQ	89.9590, -54.6490, -17.3130

Conversions

Conversions Part 2

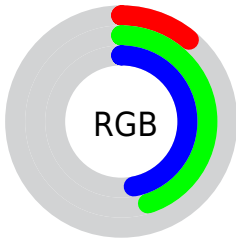
Format	Color
R_{YB}	27, 73, 121
Decimal	1799289
CIE _{Lab}	44.38, -23.06, -10.10
CIE _{LCh}	44, 25.178, 203.660
Yxy	14.1043, 0.2279, 0.3167
Android (android.graphics.Color)	4279989369 (0xFF1B7479)
YUV	89.9590, 15.3032, -55.2150
Hunter-Lab	37.5557, -17.4868, -5.7223

Details

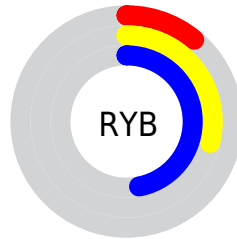
The XYZ color **10.1486, 14.1043, 20.2767** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.5999, 5.1775, 1.5834**, and the grayscale version is **9.6852, 10.1896, 11.0965**.

A 20% lighter version of the original color is **25.6653, 33.1462, 44.5803**, and **3.2098, 4.4953, 7.0018** is the 20% darker color. If you saturate the color by 10%, you get **9.8184, 13.8246, 20.2404**, and if you desaturate by 10%, it is **10.6121, 14.4540, 20.3200**.

Distribution



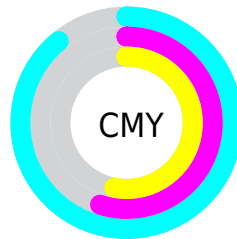
- Red (11%)
- Green (45%)
- Blue (47%)



- Red (11%)
- Yellow (29%)
- Blue (47%)



- Cyan (78%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



- Cyan (89%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1486, 14.1043, 20.2767 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 10.1486, 14.1043, 20.2767 by changing the saturation by 10% instead.

■ 10.1486, 14.1043,
20.2767

■ 10.1486, 14.1043,
20.2767

■ 185.7609,
217.8787, 266.0628

■ 5.5606, 8.1932,
12.4103

■ 25.7218, 33.2740,
44.7457

■ 2.6179, 4.2188,
6.8978

■ 37.4377, 47.3014,
62.1853

■ 0.9551, 1.7967,
3.3208

■ 52.2603, 64.8030,
83.6530

■ 0.0000, 0.4851,
1.2607

■ 70.5549, 86.1633,
109.5674

■ 0.0000, 0.0000,
0.0292

■ 92.6869, 111.7666,
140.3471

■ 0.0000, 0.0000,
0.0000

■ 119.0217,

141.9974, 176.4105

149.9246,
177.2399, 218.1762

■ 10.1486, 14.1043,
20.2767

■ 10.1486, 14.1043,
20.2767

■ 9.8184, 13.8246,
20.2404

■ 10.6121, 14.4540,
20.3200

■ 9.5846, 13.5951,
20.2084

■ 11.2220, 14.8797,
20.3701

■ 9.5326, 13.5431,
20.2011

■ 11.9913, 15.3884,
20.4277

■ 12.9313, 15.9858,
20.4935

■ 14.0523, 16.6772,
20.5678

■ 15.3635, 17.4675,
20.6513

■ 16.8738, 18.3612,
20.7442

■ 18.5913, 19.3625,
20.8469

■ 20.5239, 20.4755,
20.9599

Harmonies

Analogous

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



9.8988, 14.1043, 14.1593



10.1486, 14.1043, 20.2767



11.2299, 14.1043, 26.1945

Triad

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



10.1486, 14.1043, 20.2767



16.7902, 14.1043, 22.9513



13.8400, 14.1043, 6.7316

Complementary

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



10.1486, 14.1043, 20.2767



8.5999, 5.1775, 1.5834

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.



15.8459, 14.1043, 8.0168



10.1486, 14.1043, 20.2767



17.6562, 14.1043, 16.6208

Square

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



10.1486, 14.1043, 20.2767



15.0284, 14.1043, 27.9906



17.2943, 14.1043, 11.3056



11.9042, 14.1043, 7.2453

Rectangle

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



10.1486, 14.1043, 20.2767



12.3407, 14.1043, 28.7229



17.2943, 14.1043, 11.3056



14.5303, 14.1043, 6.9544

Sweetspot

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



10.1490, 14.1048, 20.2770



26.0854, 30.4232, 36.8903



7.5464, 14.0108, 3.6523



5.8110, 6.8634, 8.4252



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.1490, 14.1048, 20.2770



17.2702, 24.4459, 36.2012



6.0503, 5.9074, 18.9108



4.0897, 4.4777, 5.0919



10.2128, 14.5081, 21.6474



48.5155, 68.8037, 103.1932

Inverse Universe

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



11.4299, 6.1102, 17.1005



19.7683, 9.7312, 29.8090



10.8578, 9.6935, 2.3361



4.1457, 4.0740, 4.9650



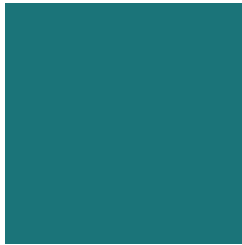
11.7383, 5.6715, 17.7106



55.8915, 27.0130, 83.9479

Previews

White Background



This preview shows how the XYZ color 10.1486, 14.1043, 20.2767 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 10.1486, 14.1043, 20.2767 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

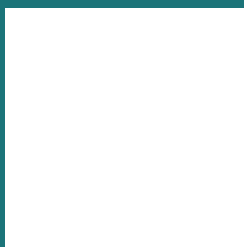
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1486, 14.1043, 20.2767

Background



This preview shows how black text looks on a background with the XYZ color 10.1486, 14.1043, 20.2767.



This preview shows how white text looks on a background with the XYZ color 10.1486, 14.1043,

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

10.1486, 14.1043, 20.2767

Protanopia

13.6399, 14.0359, 17.6131

Deuteranopia

14.2152, 13.9612, 21.0144



Tritanopia

10.3678, 14.0182, 21.5614

Trichromacy



Original Color

10.1486, 14.1043, 20.2767

Protanomaly

11.4954, 13.5226, 18.5272

Deuteranomaly

11.8934, 13.5232, 20.7223

Tritanomaly

10.2755, 13.9779, 21.2252

Monochromacy



Original Color

10.1486, 14.1043, 20.2767

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.1255, 11.0566, 13.9651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1486, 14.1043, 20.2767 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(27, 116, 121)` looks like.

```
.text, #text, p{  
    color:rgb(27, 116, 121)  
}
```

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(27, 116, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 116, 121) }
```

Border

The CSS property to change the border of an element to XYZ 10.1486, 14.1043, 20.2767 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(27, 116, 121) }
```


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

```
.border{ border-color:rgb(27, 116, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 116, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 116, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 116, 121);  
box-shadow:4px 4px 4px 4px rgb(27, 116,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1486, 14.1043, 20.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 116, 121) }
```

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

```
.background{ background-color: rgb(27, 116,  
121) }
```

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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