

Converting Colors

XYZ(10.4059, 14.2930, 20.9707)

Have a look what the booklet for
XYZ(10.4059, 14.2930, 20.9707)
contains.

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Color

**XYZ(10.3560, 14.1969,
20.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	1E747B
RGB	30, 116, 123
RGB Percent	12%, 45%, 48%
CMY	0.8823, 0.5451, 0.5176
CMYK	0.76, 0.06, 0.00, 0.52
HSL	185°, 61%, 30%
HSV	185°, 76%, 48%
XYZ	10.3560, 14.1969, 20.9333
YIQ	91.0840, -53.5030, -16.0550

Conversions

Conversions Part 2

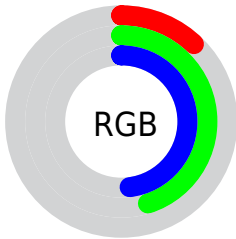
Format	Color
RYB	30, 75, 123
Decimal	1995899
CIELab	44.51, -22.03, -11.10
CIElCh	45, 24.662, 206.740
Yxy	14.1969, 0.2277, 0.3121
Android (android.graphics.Color)	4280185979 (0xFF1E747B)
YUV	91.0840, 15.7346, -53.5707
Hunter-Lab	37.6788, -16.8772, -6.5648




Details

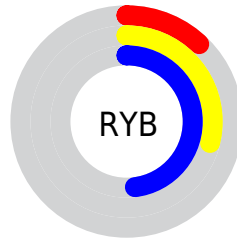
The XYZ color **10.3560, 14.1969, 20.9333** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.0647, 5.6283, 1.8374**, and the grayscale version is **9.9378, 10.4553, 11.3858**.




A 20% lighter version of the original color is **25.9569, 33.2741, 45.6119**, and **3.2432, 4.5087, 7.1779** is the 20% darker color. If you saturate the color by 10%, you get **9.9586, 13.8347, 20.8846**, and if you desaturate by 10%, it is **10.8955, 14.6345, 20.9896**.

Distribution







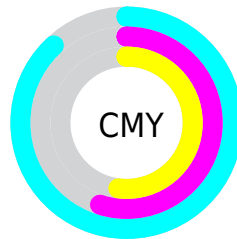
-  Red (12%)
-  Green (45%)
-  Blue (48%)






-  Red (12%)
-  Yellow (29%)
-  Blue (48%)



-  Cyan (76%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (88%)
-  Magenta (55%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3560, 14.1969, 20.9333 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 10.3560, 14.1969, 20.9333 by changing the saturation by 10% instead.

10.3560, 14.1969,
20.9333

10.3560, 14.1969,
20.9333

187.1954,
218.4523, 269.6932

5.6997, 8.2577,
12.8845

26.1066, 33.4380,
45.8559

2.7023, 4.2603,
7.2193

37.9317, 47.5087,
63.5667

0.9983, 1.8202,
3.5191

52.8770, 65.0587,
85.3352

0.0000, 0.4997,
1.3654

71.3079, 86.4725,
111.5801

0.0000, 0.0000,
0.1145

93.5899, 112.1343,
142.7198

0.0000, 0.0000,
0.0000

120.0882,

142.4286, 179.1728

151.1683,
177.7398, 221.3578

■ 10.3560, 14.1969,
20.9333

■ 10.3560, 14.1969,
20.9333

■ 9.9586, 13.8347,
20.8846

■ 10.8955, 14.6345,
20.9896

■ 9.6772, 13.5336,
20.8413

■ 11.5905, 15.1536,
21.0532

■ 9.5636, 13.4069,
20.8228

■ 12.4542, 15.7612,
21.1249

■ 13.4980, 16.4633,
21.2054

■ 14.7324, 17.2652,
21.2951

■ 16.1670, 18.1720,
21.3946

■ 17.8109, 19.1882,
21.5041

■ 19.6724, 20.3182,
21.6241

■ 21.7596, 21.5662,
21.7550

Harmonies

Analogous

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



10.0217, 14.1969, 14.8429



10.3560, 14.1969, 20.9333



11.5015, 14.1969, 26.5553

Triad

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



10.3560, 14.1969, 20.9333



16.9540, 14.1969, 22.2830



13.7126, 14.1969, 6.8935

Complementary

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



10.3560, 14.1969, 20.9333



9.0647, 5.6283, 1.8374

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.



15.7037, 14.1969, 7.9842



10.3560, 14.1969, 20.9333



17.6872, 14.1969, 16.0899

Square

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



10.3560, 14.1969, 20.9333



15.2902, 14.1969, 27.4596



17.2087, 14.1969, 11.0318



11.8438, 14.1969, 7.5896

Rectangle

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



10.3560, 14.1969, 20.9333



12.6347, 14.1969, 28.7707



17.2087, 14.1969, 11.0318



14.3909, 14.1969, 7.0550

Sweetspot

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



10.3564, 14.1974, 20.9336



26.8757, 31.2328, 38.1686



7.9403, 14.5709, 4.0797



6.1567, 7.2452, 8.9770



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.



10.3564, 14.1974, 20.9336



17.4407, 24.3583, 37.3390



6.3201, 6.1247, 19.5882



4.0825, 4.4633, 5.0895



9.8917, 13.8658, 21.5403



46.9087, 65.5900, 102.6576

Inverse Universe

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



11.7854, 6.4009, 17.1379



20.2674, 10.0580, 29.5787



11.4735, 10.4460, 2.6404



4.1421, 4.0726, 4.9459



11.5762, 5.6066, 16.8570



55.0805, 26.6885, 79.6768

Previews

White Background



This preview shows how the XYZ color 10.3560, 14.1969, 20.9333 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 10.3560, 14.1969, 20.9333 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

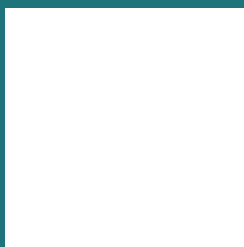
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3560, 14.1969, 20.9333

Background



This preview shows how black text looks on a background with the XYZ color 10.3560, 14.1969, 20.9333.



This preview shows how white text looks on a background with the XYZ color 10.3560, 14.1969,

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

10.3560, 14.1969, 20.9333

Protanopia

13.7537, 14.0815, 18.2128

Deuteranopia

14.2262, 13.9522, 21.6819



Tritanopia

10.5427, 14.2785, 21.6024

Trichromacy



Original Color

10.3560, 14.1969, 20.9333

Protanomaly

11.6931, 13.6109, 19.1504

Deuteranomaly

12.0199, 13.5738, 21.3885

Tritanomaly

10.4486, 14.2373, 21.2662

Monochromacy



Original Color

10.3560, 14.1969, 20.9333

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.4596, 11.3588, 14.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3560, 14.1969, 20.9333 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(30, 116, 123)` looks like.

```
.text, #text, p{  
    color:rgb(30, 116, 123)  
}
```

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(30, 116, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 116, 123) }
```

Border

The CSS property to change the border of an element to XYZ 10.3560, 14.1969, 20.9333 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(30, 116, 123) }
```


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

```
.border{ border-color:rgb(30, 116, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 116, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 116, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 116, 123);  
box-shadow:4px 4px 4px 4px rgb(30, 116,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3560, 14.1969, 20.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 116, 123) }
```

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

```
.background{ background-color: rgb(30, 116,  
123) }
```

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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