

Converting Colors

XYZ(9.9985, 11.4816, 14.4192)

Have a look what the booklet for
XYZ(9.9985, 11.4816, 14.4192)
contains.

XYZ(10.0519, 11.5227, 14.5263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.0519, 11.5227,
14.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6367
RGB	78, 99, 103
RGB Percent	31%, 39%, 40%
CMY	0.6941, 0.6118, 0.5961
CMYK	0.24, 0.04, 0.00, 0.60
HSL	190°, 14%, 35%
HSV	190°, 24%, 40%
XYZ	10.0519, 11.5227, 14.5263
YIQ	93.1770, -13.8000, -3.2080

Conversions

Conversions Part 2

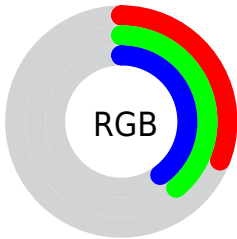
Format	Color
R_{YB}	78, 89, 103
Decimal	5137255
CIE _{Lab}	40.45, -6.86, -4.87
CIE _{LCh}	40, 8.411, 215.394
Yxy	11.5227, 0.2784, 0.3192
Android (android.graphics.Color)	4283327335 (0xFF4E6367)
YUV	93.1770, 4.8427, -13.3102
Hunter-Lab	33.9451, -6.5461, -1.6107

Details

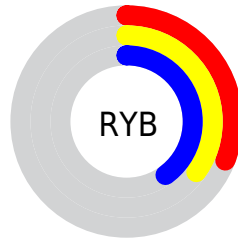
The XYZ color **10.0519, 11.5227, 14.5263** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.9860, 9.4681, 8.5091**, and the grayscale version is **10.4374, 10.9810, 11.9583**.

A 20% lighter version of the original color is **25.6412, 28.7350, 34.7668**, and **2.5375, 3.0486, 4.1961** is the 20% darker color. If you saturate the color by 10%, you get **9.1189, 10.8127, 14.4386**, and if you desaturate by 10%, it is **11.1210, 12.3082, 14.6218**.

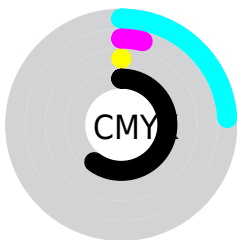
Distribution



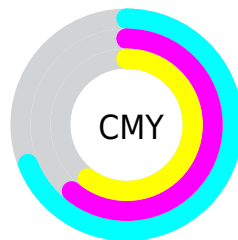
- Red (31%)
- Green (39%)
- Blue (40%)



- Red (31%)
- Yellow (35%)
- Blue (40%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (60%)



- Cyan (69%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0519, 11.5227, 14.5263 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 10.0519, 11.5227, 14.5263 by changing the saturation by 10% instead.

■ 10.0519, 11.5227,
14.5263

■ 10.0519, 11.5227,
14.5263

185.0880,
201.2193, 232.0220

■ 5.4959, 6.4196,
8.3447

■ 25.5419, 28.6228,
34.7505

■ 2.5788, 3.1018,
4.2254

■ 37.2066, 41.3885,
49.6301

■ 0.9352, 1.1851,
1.7498

■ 51.9715, 57.4772,
68.2462

■ 0.0000, 0.0495,
0.3945

■ 70.2021, 77.2733,
91.0173

■ 0.0000, 0.0000,
0.0000

■ 92.2637, 101.1611,
118.3618

118.5216,

129.5252, 150.6984

149.3413,
162.7498, 188.4457

■ 10.0519, 11.5227,
14.5263

■ 10.0519, 11.5227,
14.5263

■ 9.1189, 10.8127,
14.4386

■ 11.1210, 12.3082,
14.6218

■ 8.3148, 10.1735,
14.3576

■ 12.3309, 13.1708,
14.7245

■ 7.6332, 9.6022,
14.2833

■ 13.6874, 14.1137,
14.8350

■ 7.0671, 9.0950,
14.2152

■ 15.1957, 15.1396,
14.9535

■ 6.6082, 8.6477,
14.1531

■ 16.8605, 16.2511,
15.0803

■ 6.2476, 8.2557,
14.0964

■ 18.6865, 17.4505,
15.2156

■ 5.9685, 7.9103,
14.0444

■ 20.6782, 18.7403,
15.3596

■ 5.8183, 7.7194,
14.0155

■ 22.8400, 20.1226,
15.5124

■ 25.1758, 21.5997,
15.6744

Harmonies

Analogous

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



9.8596, 11.5227, 12.8546



10.0519, 11.5227, 14.5263



10.4858, 11.5227, 15.7424

Triad

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



10.0519, 11.5227, 14.5263



12.0175, 11.5227, 13.9500



10.8455, 11.5227, 9.5783

Complementary

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



10.0519, 11.5227, 14.5263



9.9860, 9.4681, 8.5091

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.



11.4318, 11.5227, 9.8150



10.0519, 11.5227, 14.5263



12.1222, 11.5227, 12.2429

Square

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



10.0519, 11.5227, 14.5263



11.6231, 11.5227, 15.3893



11.9042, 11.5227, 10.7549



10.3072, 11.5227, 10.0769

Rectangle

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



10.0519, 11.5227, 14.5263



10.8610, 11.5227, 16.0761



11.9042, 11.5227, 10.7549



11.0434, 11.5227, 9.5751

Sweetspot

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



10.0522, 11.5232, 14.5266



21.4172, 23.1156, 26.3100



9.5058, 11.9258, 9.7339



5.2066, 5.6264, 6.4174



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.0522, 11.5232, 14.5266



17.0377, 19.9073, 25.9216



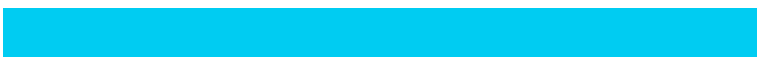
8.9782, 9.3751, 14.1686



2.8683, 3.1145, 3.5820



7.2994, 9.6706, 17.6262



37.5403, 49.3772, 91.7536

Inverse Universe

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



10.5703, 9.2334, 13.0301



18.1493, 15.1030, 22.6863



10.9938, 11.4838, 8.8450



2.9180, 2.8819, 3.4410



9.1671, 4.4798, 11.5441



47.5438, 23.2575, 58.8000

Previews

White Background



This preview shows how the XYZ color 10.0519, 11.5227, 14.5263 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 10.0519, 11.5227, 14.5263 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

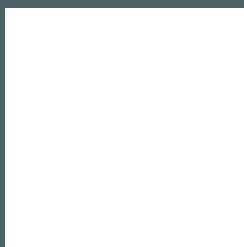
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0519, 11.5227, 14.5263

Background



This preview shows how black text looks on a background with the XYZ color 10.0519, 11.5227, 14.5263.



This preview shows how white text looks on a background with the XYZ color 10.0519, 11.5227,

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

10.0519, 11.5227, 14.5263

Protanopia

11.1118, 11.5374, 13.6979

Deuteranopia

11.5814, 11.3631, 14.6796



Tritanopia

10.1937, 11.4382, 15.3062

Trichromacy



Original Color

10.0519, 11.5227, 14.5263

Protanomaly

10.6517, 11.4292, 13.9566

Deuteranomaly

11.0045, 11.4592, 14.7285

Tritanomaly

10.1419, 11.4176, 15.0339

Monochromacy



Original Color

10.0519, 11.5227, 14.5263

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2744, 11.1222, 12.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0519, 11.5227, 14.5263 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(78, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(78, 99, 103)  
}
```

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(78, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 99, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.0519, 11.5227, 14.5263 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(78, 99, 103) }
```


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

```
.border{ border-color:rgb(78, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(78, 99,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0519, 11.5227, 14.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 99, 103) }
```

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

```
.background{ background-color: rgb(78, 99,  
103) }
```

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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