

Converting Colors

XYZ(10.5191, 13.9620, 21.5261)

Have a look what the booklet for
XYZ(10.5191, 13.9620, 21.5261)
contains.

XYZ(10.4819, 13.9086, 21.5342)	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(10.4819, 13.9086,
21.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	25727D
RGB	37, 114, 125
RGB Percent	15%, 45%, 49%
CMY	0.8549, 0.5529, 0.5098
CMYK	0.70, 0.09, 0.00, 0.51
HSL	187°, 54%, 32%
HSV	187°, 70%, 49%
XYZ	10.4819, 13.9086, 21.5342
YIQ	92.2310, -49.4230, -12.9030

Conversions

Conversions Part 2

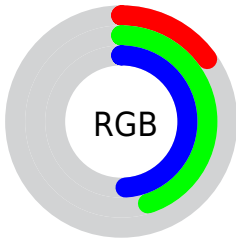
Format	Color
RYB	37, 78, 125
Decimal	2454141
CIELab	44.10, -19.28, -12.90
CIElCh	44, 23.201, 213.785
Yxy	13.9086, 0.2282, 0.3029
Android (android.graphics.Color)	4280644221 (0xFF25727D)
YUV	92.2310, 16.1551, -48.4376
Hunter-Lab	37.2942, -15.0958, -8.1289




Details

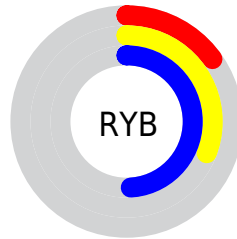
The XYZ color **10.4819, 13.9086, 21.5342** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8486, 6.6078, 2.5070**, and the grayscale version is **10.1985, 10.7296, 11.6845**.




A 20% lighter version of the original color is **26.3914, 32.9197, 47.0826**, and **3.2527, 4.4182, 7.5188** is the 20% darker color. If you saturate the color by 10%, you get **9.9333, 13.3667, 21.4588**, and if you desaturate by 10%, it is **11.1881, 14.5368, 21.6185**.

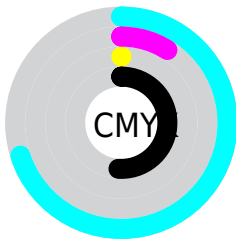
Distribution







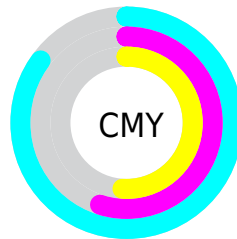
-  Red (15%)
-  Green (45%)
-  Blue (49%)






-  Red (15%)
-  Yellow (31%)
-  Blue (49%)



-  Cyan (70%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (85%)
-  Magenta (55%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4819, 13.9086, 21.5342 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 10.4819, 13.9086, 21.5342 by changing the saturation by 10% instead.

■ 10.4819, 13.9086,
21.5342

■ 10.4819, 13.9086,
21.5342

188.0604,
216.6615, 272.9777

■ 5.7843, 8.0571,
13.3200

■ 26.3396, 32.9268,
46.8672

■ 2.7538, 4.1315,
7.5160

■ 38.2304, 46.8622,
64.8231

■ 1.0249, 1.7474,
3.7035

■ 53.2497, 64.2612,
86.8632

■ 0.0000, 0.4541,
1.4641

■ 71.7628, 85.5080,
113.4063

■ 0.0000, 0.0000,
0.1910

■ 94.1350, 110.9870,
144.8707

■ 0.0000, 0.0000,
0.0000

■ 120.7318,

141.0827, 181.6750

151.9185,
176.1794, 224.2379

■ 10.4819, 13.9086,
21.5342

■ 10.4819, 13.9086,
21.5342

■ 9.9333, 13.3667,
21.4588

■ 11.1881, 14.5368,
21.6185

■ 9.5244, 12.9009,
21.3904

■ 12.0647, 15.2571,
21.7113

■ 9.2106, 12.4985,
21.3293

■ 13.1246, 16.0764,
21.8136

■ 14.3794, 17.0007,
21.9259

■ 15.8393, 18.0353,
22.0486

■ 17.5141, 19.1852,
22.1823

■ 19.4129, 20.4552,
22.3274

■ 21.5441, 21.8497,
22.4842

■ 23.9159, 23.3728,
22.6532

Harmonies

Analogous

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



9.9828, 13.9086, 15.8255



10.4819, 13.9086, 21.5342



11.7119, 13.9086, 26.2261

Triad

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



10.4819, 13.9086, 21.5342



16.6692, 13.9086, 20.0968



12.9866, 13.9086, 7.0927

Complementary

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



10.4819, 13.9086, 21.5342



9.8486, 6.6078, 2.5070

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.



14.8516, 13.9086, 7.7285



10.4819, 13.9086, 21.5342



17.0900, 13.9086, 14.4825

Square

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



10.4819, 13.9086, 21.5342



15.2948, 13.9086, 25.2696



16.3970, 13.9086, 10.1626



11.3413, 13.9086, 8.1652

Rectangle

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



10.4819, 13.9086, 21.5342



12.8389, 13.9086, 27.6746



16.3970, 13.9086, 10.1626



13.6080, 13.9086, 7.1154

Sweetspot

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



10.4823, 13.9091, 21.5345



28.0549, 32.0805, 39.4579



8.6154, 15.2682, 5.2110



6.2442, 7.2008, 8.9639



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.



10.4823, 13.9091, 21.5345



17.3466, 23.4504, 38.3565



6.7013, 6.3471, 20.2742



4.4020, 4.7981, 5.5074



9.6096, 13.0376, 22.2600



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.1566, 6.8984, 16.6109



20.7105, 10.6288, 28.1806



12.5557, 12.0218, 3.4093



4.4758, 4.4035, 5.3098



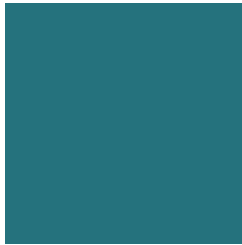
11.7274, 5.7107, 15.6862



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.4819, 13.9086, 21.5342 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 10.4819, 13.9086, 21.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

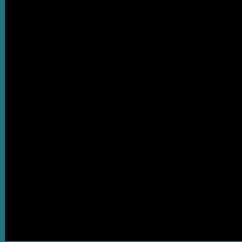
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4819, 13.9086, 21.5342

Background



This preview shows how black text looks on a background with the XYZ color 10.4819, 13.9086, 21.5342.

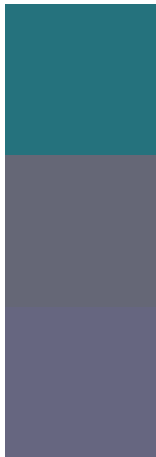


This preview shows how white text looks on a background with the XYZ color 10.4819, 13.9086,

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

10.4819, 13.9086, 21.5342

Protanopia

13.4871, 13.7752, 19.0876

Deuteranopia

14.1271, 13.8860, 22.3578



Tritanopia

10.3830, 13.8649, 21.1977

Trichromacy



Original Color

10.4819, 13.9086, 21.5342

Protanomaly

11.8508, 13.5156, 20.0733

Deuteranomaly

12.1267, 13.4601, 22.0376

Tritanomaly

10.3830, 13.8649, 21.1977

Monochromacy



Original Color

10.4819, 13.9086, 21.5342

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.7283, 11.4915, 14.8021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4819, 13.9086, 21.5342 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(37, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(37, 114, 125)  
}
```

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(37, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 10.4819, 13.9086, 21.5342 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(37, 114, 125) }
```


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

```
.border{ border-color:rgb(37, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(37, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4819, 13.9086, 21.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 114, 125) }
```

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

```
.background{ background-color: rgb(37, 114,  
125) }
```

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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