

Converting Colors

XYZ(13.8286, 14.1724, 19.9825)

Have a look what the booklet for
XYZ(13.8286, 14.1724, 19.9825)
contains.

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Color

**XYZ(13.8696, 14.2503,
20.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	656979
RGB	101, 105, 121
RGB Percent	40%, 41%, 47%
CMY	0.6039, 0.5882, 0.5255
CMYK	0.17, 0.13, 0.00, 0.53
HSL	228°, 9%, 44%
HSV	228°, 17%, 47%
XYZ	13.8696, 14.2503, 20.1087
YIQ	105.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

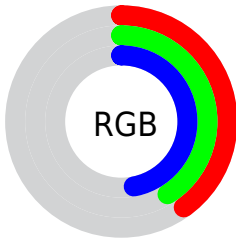
Format	Color
R_{YB}	101, 104, 121
Decimal	6646137
CIE _{Lab}	44.59, 2.07, -9.43
CIE _{LCh}	45, 9.655, 282.399
Yxy	14.2503, 0.2876, 0.2955
Android (android.graphics.Color)	4284836217 (0xFF656979)
YUV	105.6280, 7.5784, -4.0588
Hunter-Lab	37.7496, -0.4789, -5.1583

Details

The XYZ color **13.8696, 14.2503, 20.1087** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5956, 17.7272, 14.8593**, and the grayscale version is **13.5797, 14.2869, 15.5584**.

A 20% lighter version of the original color is **32.3802, 33.4695, 44.2888**, and **4.2041, 4.2783, 6.7351** is the 20% darker color. If you saturate the color by 10%, you get **11.6829, 11.7422, 19.7401**, and if you desaturate by 10%, it is **16.3689, 17.0870, 20.5247**.

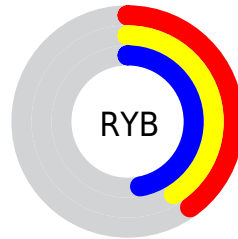
Distribution



Red (40%)

Green (41%)

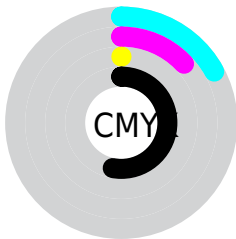
Blue (47%)



Red (40%)

Yellow (41%)

Blue (47%)

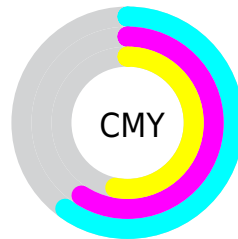


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (60%)

Magenta (59%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8696, 14.2503, 20.1087 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 13.8696, 14.2503, 20.1087 by changing the saturation by 10% instead.

■ 13.8696, 14.2503,
20.1087

■ 13.8696, 14.2503,
20.1087

209.9450,
218.7824, 265.1266

■ 8.1111, 8.2950,
12.2892

■ 32.4457, 33.5325,
44.4607

■ 4.2185, 4.2843,
6.8160

■ 45.9940, 47.6281,
61.8303

■ 1.8265, 1.8338,
3.2706

■ 62.8696, 65.2060,
83.2204

■ 0.5336, 0.5081,
1.2344

■ 83.4379, 86.6505,
109.0495

■ 0.0000, 0.0000,
0.0071

108.0642,
112.3460, 139.7361

■ 0.0000, 0.0000,
0.0000

137.1140,

142.6769, 175.6988

170.9524,
178.0276, 217.3562

■ 13.8696, 14.2503,
20.1087

■ 13.8696, 14.2503,
20.1087

■ 11.6829, 11.7422,
19.7401

■ 16.3689, 17.0870,
20.5247

■ 9.7952, 9.5488,
19.4162

■ 19.1912, 20.2617,
20.9888

■ 8.1934, 7.6580,
19.1357

■ 22.3480, 23.7859,
21.5026

■ 6.8634, 6.0563,
18.8966

■ 25.8500, 27.6698,
22.0677

■ 5.7896, 4.7290,
18.6970

■ 29.7073, 31.9234,
22.6854

■ 4.9547, 3.6601,
18.5347

■ 33.9295, 36.5561,
23.3571

■ 4.3393, 2.8318,
18.4072

■ 38.5259, 41.5770,
24.0840

■ 3.9089, 2.2177,
18.3114

■ 43.5056, 46.9951,
24.8673

■ 3.7821, 2.0423,
18.2842

■ 48.8772, 52.8188,
25.7083

Harmonies

Analogous

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



13.0953, 14.2503, 19.9888



13.8696, 14.2503, 20.1087



14.5829, 14.2503, 18.9149

Triad

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



13.8696, 14.2503, 20.1087



14.6844, 14.2503, 12.7923



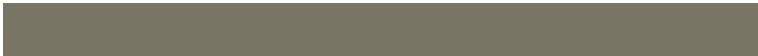
12.1625, 14.2503, 14.2513

Complementary

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



13.8696, 14.2503, 20.1087



16.5956, 17.7272, 14.8593

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.



12.5566, 14.2503, 12.5510



13.8696, 14.2503, 20.1087



14.0038, 14.2503, 11.7660

Square

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



13.8696, 14.2503, 20.1087



15.0653, 14.2503, 14.6106



13.2245, 14.2503, 11.6822



12.1297, 14.2503, 16.4584

Rectangle

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



13.8696, 14.2503, 20.1087



14.9198, 14.2503, 17.5960



13.2245, 14.2503, 11.6822



12.2564, 14.2503, 13.6070

Sweetspot

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



13.8700, 14.2509, 20.1090



29.9857, 31.3586, 36.8653



15.3958, 17.7182, 19.3358



6.7943, 7.1002, 8.4191



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.



13.8700, 14.2509, 20.1090



23.2162, 23.6661, 35.7373



14.1286, 13.7934, 20.0071



3.8566, 4.0115, 5.0142



4.0460, 2.1745, 19.5918



18.8043, 9.3811, 93.2894

Inverse Universe

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



15.0890, 14.3926, 15.3480



25.8628, 24.0121, 25.3916



16.3007, 18.2820, 14.9820



4.0281, 4.0270, 4.3455



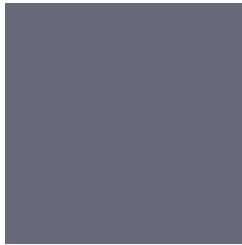
8.6256, 4.4264, 1.3192



40.8947, 21.0142, 4.9754

Previews

White Background



This preview shows how the XYZ color 13.8696, 14.2503, 20.1087 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 13.8696, 14.2503, 20.1087 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

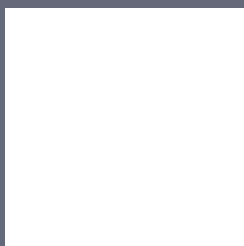
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8696, 14.2503, 20.1087

Background



This preview shows how black text looks on a background with the XYZ color 13.8696, 14.2503, 20.1087.

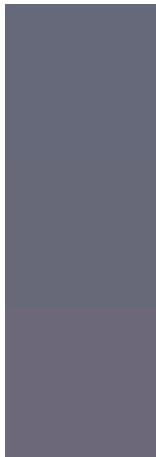


This preview shows how white text looks on a background with the XYZ color 13.8696, 14.2503,

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

13.8696, 14.2503, 20.1087

Protanopia

14.0963, 14.3672, 20.1194

Deuteranopia

14.4858, 14.2691, 20.0799



Tritanopia

13.5041, 14.2552, 18.2594

Trichromacy



Original Color

13.8696, 14.2503, 20.1087

Protanomaly

13.9823, 14.3084, 20.1140

Deuteranomaly

14.2272, 14.2844, 20.0965

Tritanomaly

13.6204, 14.3017, 18.8723

Monochromacy



Original Color

13.8696, 14.2503, 20.1087

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7322, 14.3988, 17.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8696, 14.2503, 20.1087 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(101, 105, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 105, 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(101, 105, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 105, 121) }
```

Border

The CSS property to change the border of an element to XYZ 13.8696, 14.2503, 20.1087 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(101, 105, 121) }
```


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

```
.border{ border-color:rgb(101, 105, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 105, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 105, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 105, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 105,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8696, 14.2503, 20.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 105, 121) }
```

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

```
.background{ background-color: rgb(101,  
105, 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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