

Converting Colors

XYZ(10.8356, 11.2298, 14.8401)

Have a look what the booklet for
XYZ(10.8356, 11.2298, 14.8401)
contains.

XYZ(10.8669, 11.2495, 14.9632)	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(10.8669, 11.2495,
14.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5E69
RGB	91, 94, 105
RGB Percent	36%, 37%, 41%
CMY	0.6431, 0.6314, 0.5882
CMYK	0.13, 0.10, 0.00, 0.59
HSL	227°, 7%, 38%
HSV	227°, 13%, 41%
XYZ	10.8669, 11.2495, 14.9632
YIQ	94.3570, -5.3190, 2.7850

Conversions

Conversions Part 2

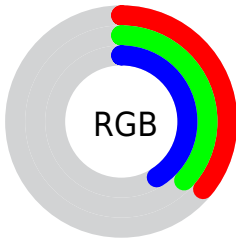
Format	Color
R_{YB}	91, 93, 105
Decimal	5987945
CIE _{Lab}	40.00, 1.31, -6.66
CIE _{LCh}	40, 6.789, 281.097
Yxy	11.2495, 0.2931, 0.3034
Android (android.graphics.Color)	4284178025 (0xFF5B5E69)
YUV	94.3570, 5.2470, -2.9441
Hunter-Lab	33.5403, -0.8623, -2.9726

Details

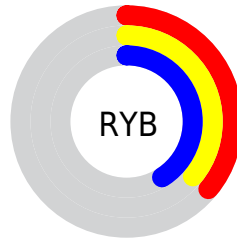
The XYZ color **10.8669, 11.2495, 14.9632** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4654, 13.2612, 11.8004**, and the grayscale version is **10.7130, 11.2709, 12.2741**.

A 20% lighter version of the original color is **26.9585, 28.0095, 35.4380**, and **2.9029, 2.9773, 4.4247** is the 20% darker color. If you saturate the color by 10%, you get **9.2087, 9.3636, 14.6868**, and if you desaturate by 10%, it is **12.7491, 13.3679, 15.2731**.

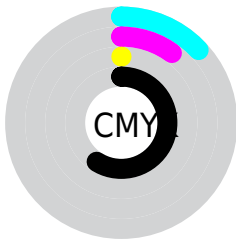
Distribution



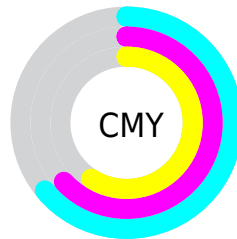
- Red (36%)
- Green (37%)
- Blue (41%)



- Red (36%)
- Yellow (36%)
- Blue (41%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (64%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8669, 11.2495, 14.9632 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 10.8669, 11.2495, 14.9632 by changing the saturation by 10% instead.

■ 10.8669, 11.2495,
14.9632

■ 10.8669, 11.2495,
14.9632

190.6793,
199.3714, 234.7765

■ 6.0440, 6.2349,
8.6472

■ 27.0489, 28.1206,
35.5300

■ 2.9128, 2.9884,
4.4181

■ 39.1388, 40.7459,
50.6179

■ 1.1078, 1.1257,
1.8574

■ 54.3817, 56.6770,
69.4669

■ 0.0316, 0.0000,
0.4654

■ 73.1430, 76.2981,
92.4954

■ 0.0000, 0.0000,
0.0000

■ 95.7881, 99.9937,
120.1221

122.6822,

128.1482, 152.7655

154.1909,
161.1459, 190.8441

■ 10.8669, 11.2495,
14.9632

■ 10.8669, 11.2495,
14.9632

■ 9.2087, 9.3636,
14.6868

■ 12.7491, 13.3679,
15.2731

■ 7.7650, 7.7007,
14.4419

■ 14.8621, 15.7249,
15.6166

■ 6.5272, 6.2529,
14.2277

■ 17.2140, 18.3282,
15.9952

■ 5.4856, 5.0111,
14.0429

■ 19.8120, 21.1848,
16.4096

■ 4.6298, 3.9658,
13.8862

■ 22.6630, 24.3014,
16.8609

■ 3.9485, 3.1063,
13.7562

■ 25.7736, 27.6843,
17.3499

■ 3.4288, 2.4213,
13.6514

■ 29.1502, 31.3396,
17.8775

■ 3.0530, 1.8961,
13.5698

■ 32.7991, 35.2735,
18.4445

■ 2.8466, 1.6135,
13.5262

■ 36.7261, 39.4917,
19.0517

Harmonies

Analogous

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



10.4027, 11.2495, 14.8594



10.8669, 11.2495, 14.9632



11.2964, 11.2495, 14.3009

Triad

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



10.8669, 11.2495, 14.9632



11.3867, 11.2495, 10.6277



9.8613, 11.2495, 11.4307

Complementary

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



10.8669, 11.2495, 14.9632



12.4654, 13.2612, 11.8004

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.



10.1102, 11.2495, 10.4030



10.8669, 11.2495, 14.9632



10.9873, 11.2495, 9.9634

Square

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



10.8669, 11.2495, 14.9632



11.6023, 11.2495, 11.7582



10.5196, 11.2495, 9.8843



9.8312, 11.2495, 12.7529

Rectangle

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



10.8669, 11.2495, 14.9632



11.5017, 11.2495, 13.5405



10.5196, 11.2495, 9.8843



9.9218, 11.2495, 11.0420

Sweetspot

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



10.8672, 11.2500, 14.9635



22.5502, 23.6247, 27.3025



11.7628, 13.2861, 14.5064



5.2333, 5.4790, 6.3876



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.



10.8672, 11.2500, 14.9635



18.4878, 19.0439, 26.6325



11.0070, 10.9334, 14.8950



2.9962, 3.1207, 3.8793



3.5794, 1.9930, 17.1183



17.7006, 9.0797, 87.0458

Inverse Universe

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



11.5874, 11.2938, 12.1594



20.0528, 19.1577, 20.5350



12.3106, 13.6273, 11.8792



3.1239, 3.1264, 3.3827



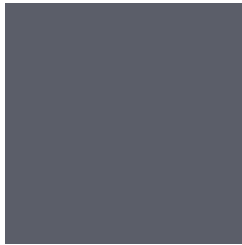
7.5536, 3.8736, 1.2777



38.2172, 19.6288, 5.0807

Previews

White Background



This preview shows how the XYZ color 10.8669, 11.2495, 14.9632 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 10.8669, 11.2495, 14.9632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

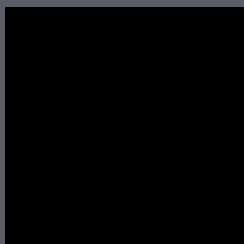
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

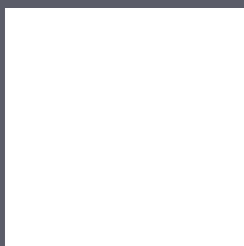
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8669, 11.2495, 14.9632

Background



This preview shows how black text looks on a background with the XYZ color 10.8669, 11.2495, 14.9632.



This preview shows how white text looks on a background with the XYZ color 10.8669, 11.2495,

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

10.8669, 11.2495, 14.9632

Protanopia

11.0667, 11.3525, 14.9726

Deuteranopia

11.4140, 11.2709, 14.9385



Tritanopia

10.6174, 11.1384, 14.1607

Trichromacy



Original Color

10.8669, 11.2495, 14.9632

Protanomaly

10.9661, 11.3006, 14.9679

Deuteranomaly

11.1835, 11.2815, 14.9527

Tritanomaly

10.6673, 11.1583, 14.4235

Monochromacy



Original Color

10.8669, 11.2495, 14.9632

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7215, 11.2144, 13.1548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8669, 11.2495, 14.9632 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(91, 94, 105) looks like.

```
.text, #text, p{  
    color:rgb(91, 94, 105)  
}
```

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(91, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 94, 105) }
```

Border

The CSS property to change the border of an element to XYZ 10.8669, 11.2495, 14.9632 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(91, 94, 105) }
```


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

```
.border{ border-color:rgb(91, 94, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 94, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(91, 94,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8669, 11.2495, 14.9632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 94, 105) }
```

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

```
.background{ background-color: rgb(91, 94,  
105) }
```

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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