

Converting Colors

XYZ(10.1942, 10.4962, 15.6760)

Have a look what the booklet for
XYZ(10.1942, 10.4962, 15.6760)
contains.

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Color

**XYZ(10.1942, 10.4962,
15.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	555B6C
RGB	85, 91, 108
RGB Percent	33%, 36%, 42%
CMY	0.6667, 0.6431, 0.5765
CMYK	0.21, 0.16, 0.00, 0.58
HSL	224°, 12%, 38%
HSV	224°, 21%, 42%
XYZ	10.1942, 10.4962, 15.6760
YIQ	91.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

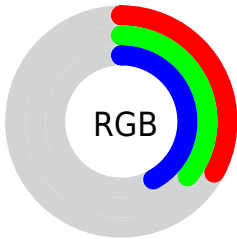
Format	Color
R_{YB}	85, 90, 108
Decimal	5593964
CIE Lab	38.72, 1.70, -10.48
CIE LCh	39, 10.618, 279.238
Yxy	10.4962, 0.2803, 0.2886
Android (android.graphics.Color)	4283784044 (0xFF555B6C)
YUV	91.1440, 8.3100, -5.3883
Hunter-Lab	32.3978, -0.5300, -6.0095

Details

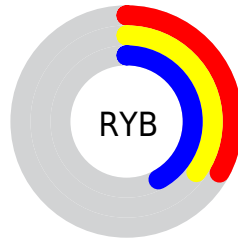
The XYZ color **10.1942, 10.4962, 15.6760** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5755, 13.3468, 10.5080**, and the grayscale version is **9.9601, 10.4788, 11.4114**.

A 20% lighter version of the original color is **25.7746, 26.7039, 36.5968**, and **2.6174, 2.6450, 4.7875** is the 20% darker color. If you saturate the color by 10%, you get **8.6412, 8.7361, 15.4183**, and if you desaturate by 10%, it is **11.9702, 12.4795, 15.9654**.

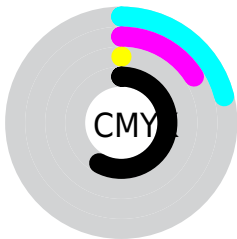
Distribution



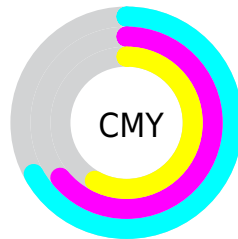
- Red (33%)
- Green (36%)
- Blue (42%)



- Red (33%)
- Yellow (35%)
- Blue (42%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1942, 10.4962, 15.6760 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 10.1942, 10.4962, 15.6760 by changing the saturation by 10% instead.

■ 10.1942, 10.4962,
15.6760

■ 10.1942, 10.4962,
15.6760

186.0773,
194.1778, 239.2023

■ 5.5912, 5.7292,
9.1433

■ 25.8065, 26.7247,
36.7937

■ 2.6364, 2.6811,
4.7367

■ 37.5465, 38.9550,
52.2159

■ 0.9645, 0.9676,
2.0376

■ 52.3962, 54.4418,
71.4382

■ 0.0000, 0.0000,
0.5782

■ 70.7209, 73.5696,
94.8793

■ 0.0000, 0.0000,
0.0000

■ 92.8860, 96.7226,
122.9578

119.2569,

124.2854, 156.0920

150.1989,
156.6423, 194.7007

■ 10.1942, 10.4962,
15.6760

■ 10.1942, 10.4962,
15.6760

■ 8.6412, 8.7361,
15.4183

■ 11.9702, 12.4795,
15.9654

■ 7.3011, 7.1900,
15.1905

■ 13.9766, 14.6923,
16.2867

■ 6.1646, 5.8498,
14.9917

■ 16.2219, 17.1423,
16.6413

■ 5.2213, 4.7062,
14.8207

■ 18.7137, 19.8364,
17.0300

■ 4.4597, 3.7497,
14.6762

■ 21.4592, 22.7812,
17.4537

■ 3.8672, 2.9692,
14.5568

■ 24.4655, 25.9830,
17.9132

■ 3.4292, 2.3529,
14.4609

■ 27.7394, 29.4479,
18.4095

■ 3.1263, 1.9217,
14.3936

■ 31.2871, 33.1820,
18.9432

■ 35.1151, 37.1908,
19.5153

Harmonies

Analogous

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



9.5063, 10.4962, 15.4298



10.1942, 10.4962, 15.6760



10.8531, 10.4962, 14.6853

Triad

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



10.1942, 10.4962, 15.6760



11.0567, 10.4962, 9.1574



8.7688, 10.4962, 10.1146

Complementary

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



10.1942, 10.4962, 15.6760



12.5755, 13.3468, 10.5080

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.



9.1481, 10.4962, 8.6929



10.1942, 10.4962, 15.6760



10.4616, 10.4962, 8.1868

Square

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



10.1942, 10.4962, 15.6760



11.3662, 10.4962, 10.8202



9.7616, 10.4962, 8.0273



8.7047, 10.4962, 12.0593

Rectangle

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



10.1942, 10.4962, 15.6760



11.1795, 10.4962, 13.5180



9.7616, 10.4962, 8.0273



8.8627, 10.4962, 9.5664

Sweetspot

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



10.1945, 10.4966, 15.6762



22.7713, 23.8517, 28.3114



11.5008, 13.6133, 14.5574



5.4735, 5.7311, 6.8465



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



10.1945, 10.4966, 15.6762



16.3746, 16.7081, 27.2697



10.2078, 9.7721, 15.5357



3.0067, 3.1417, 3.8828



3.7083, 2.2509, 17.1613



18.2770, 10.2325, 87.2380

Inverse Universe

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



11.3214, 10.4408, 11.3166



18.7836, 16.6536, 17.9357



12.5540, 14.2431, 10.6822



3.1292, 3.1286, 3.4106



7.6186, 3.8996, 1.6203



38.5082, 19.7452, 6.6128

Previews

White Background



This preview shows how the XYZ color 10.1942, 10.4962, 15.6760 looks on a white background.

Color Contrast Check

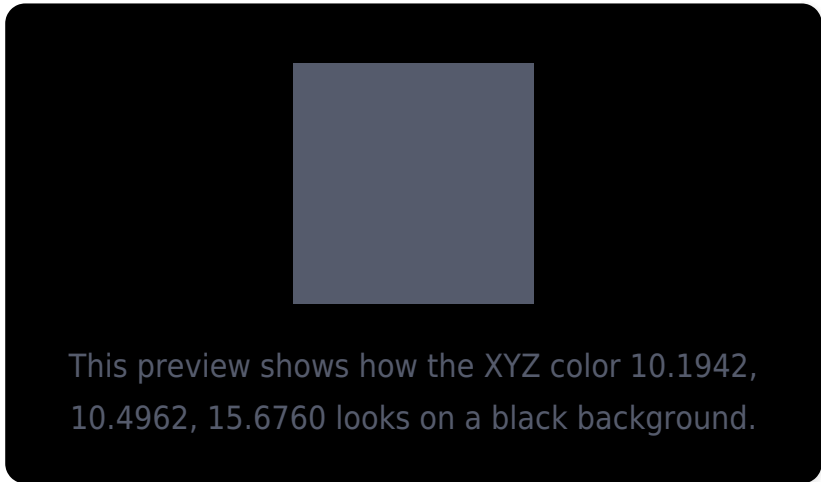
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

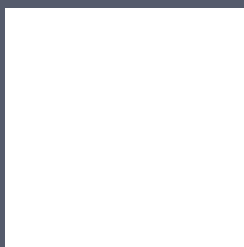
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.1942, 10.4962, 15.6760

Background



This preview shows how black text looks on a background with the XYZ color 10.1942, 10.4962, 15.6760.



This preview shows how white text looks on a background with the XYZ color 10.1942, 10.4962,

15.6760.

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

10.1942, 10.4962, 15.6760

Protanopia

10.3874, 10.4697, 15.6607

Deuteranopia

10.5935, 10.4516, 15.6464



Tritanopia

9.6947, 10.4134, 13.5556

Trichromacy



Original Color

10.1942, 10.4962, 15.6760

Protanomaly

10.2934, 10.4213, 15.6563

Deuteranomaly

10.4828, 10.5189, 15.6652

Tritanomaly

9.9315, 10.5184, 14.3388

Monochromacy



Original Color

10.1942, 10.4962, 15.6760

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0186, 10.4691, 12.8020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1942, 10.4962, 15.6760 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(85, 91, 108) looks like.

```
.text, #text, p{  
    color:rgb(85, 91, 108)  
}
```

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(85, 91, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 91, 108) }
```

Border

The CSS property to change the border of an element to XYZ 10.1942, 10.4962, 15.6760 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(85, 91, 108) }
```


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

```
.border{ border-color:rgb(85, 91, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 91, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 91, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 91, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 91,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1942, 10.4962, 15.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 91, 108) }
```

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

```
.background{ background-color: rgb(85, 91,  
108) }
```

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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