

Converting Colors

XYZ(11.2850, 11.2626, 20.6585)

Have a look what the booklet for
XYZ(11.2850, 11.2626, 20.6585)
contains.

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Color

**XYZ(11.2086, 11.1688,
20.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	545D7C
RGB	84, 93, 124
RGB Percent	33%, 36%, 49%
CMY	0.6706, 0.6353, 0.5137
CMYK	0.32, 0.25, 0.00, 0.51
HSL	226°, 19%, 41%
HSV	226°, 32%, 49%
XYZ	11.2086, 11.1688, 20.6338
YIQ	93.8430, -15.3150, 7.7330

Conversions

Conversions Part 2

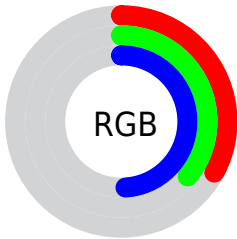
Format	Color
R_{YB}	84, 91, 124
Decimal	5528956
CIE _{Lab}	39.86, 4.40, -18.56
CIE _{LCh}	40, 19.077, 283.343
Yxy	11.1688, 0.2606, 0.2597
Android (android.graphics.Color)	4283719036 (0xFF545D7C)
YUV	93.8430, 14.8674, -8.6323
Hunter-Lab	33.4198, 1.3823, -13.2126

Details

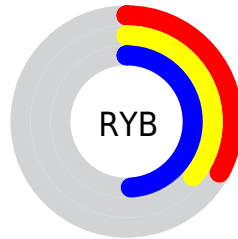
The XYZ color **11.2086, 11.1688, 20.6338** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.0433, 17.1867, 10.8596**, and the grayscale version is **10.5712, 11.1217, 12.1116**.

A 20% lighter version of the original color is **27.7499, 27.9701, 45.5312**, and **3.0495, 2.9343, 7.0623** is the 20% darker color. If you saturate the color by 10%, you get **9.4044, 9.0644, 20.3229**, and if you desaturate by 10%, it is **13.3161, 13.5874, 20.9897**.

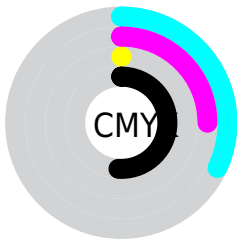
Distribution



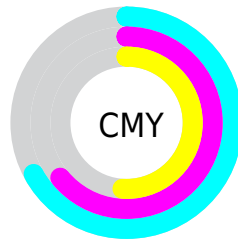
- Red (33%)
- Green (36%)
- Blue (49%)



- Red (33%)
- Yellow (36%)
- Blue (49%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (67%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2086, 11.1688, 20.6338 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 11.2086, 11.1688, 20.6338 by changing the saturation by 10% instead.

■ 11.2086, 11.1688,
20.6338

■ 11.2086, 11.1688,
20.6338

192.9720,
198.8220, 268.0427

■ 6.2756, 6.1805,
12.6680

■ 27.6748, 27.9719,
45.3501

■ 3.0557, 2.9551,
7.0723

■ 39.9388, 40.5555,
62.9377

■ 1.1833, 1.1084,
3.4282

■ 55.3771, 56.4396,
84.5696

■ 0.0931, 0.0000,
1.3172

■ 74.3552, 76.0086,
110.6643

■ 0.0000, 0.0000,
0.0758

■ 97.2384, 99.6470,
141.6405

■ 0.0000, 0.0000,
0.0000

124.3920,

127.7391, 177.9166

156.1814,
160.6693, 219.9111

■ 11.2086, 11.1688,
20.6338

■ 11.2086, 11.1688,
20.6338

■ 9.4044, 9.0644,
20.3229

■ 13.3161, 13.5874,
20.9897

■ 7.8880, 7.2598,
20.0545

■ 15.7391, 16.3312,
21.3917

■ 6.6444, 5.7412,
19.8269

■ 18.4904, 19.4125,
21.8414

■ 5.6567, 4.4933,
19.6381

■ 21.5820, 22.8423,
22.3405

■ 4.9056, 3.4991,
19.4858

■ 25.0249, 26.6312,
22.8903

■ 4.3695, 2.7396,
19.3675

■ 28.8300, 30.7894,
23.4924

■ 4.0511, 2.2812,
19.2958

■ 33.0074, 35.3265,
24.1480

■ 37.5669, 40.2519,
24.8584

■ 42.5182, 45.5747,
25.6248

Harmonies

Analogous

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



9.9087, 11.1688, 20.4803



11.2086, 11.1688, 20.6338



12.4432, 11.1688, 18.2093

Triad

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



11.2086, 11.1688, 20.6338



12.5583, 11.1688, 7.8450



8.3772, 11.1688, 10.2050

Complementary

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



11.2086, 11.1688, 20.6338



16.0433, 17.1867, 10.8596

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.



8.9763, 11.1688, 7.6264



11.2086, 11.1688, 20.6338



11.3554, 11.1688, 6.4687

Square

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



11.2086, 11.1688, 20.6338



13.2647, 11.1688, 10.5684



10.0439, 11.1688, 6.3980



8.3450, 11.1688, 13.9059

Rectangle

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



11.2086, 11.1688, 20.6338



13.0339, 11.1688, 15.6994



10.0439, 11.1688, 6.3980



8.5166, 11.1688, 9.1986

Sweetspot

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



11.2090, 11.1692, 20.6341



28.6275, 29.7856, 37.7970



13.9394, 17.5305, 18.7685



6.6155, 6.8726, 8.8809



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.



11.2090, 11.1692, 20.6341



17.2435, 16.7667, 35.8841



11.4935, 10.2113, 20.4342



3.8641, 4.0264, 5.0167



4.1165, 2.3154, 19.6153



19.0957, 9.9641, 93.3866

Inverse Universe

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



13.4586, 11.4164, 11.8507



21.9248, 17.4474, 17.5691



15.6611, 18.5885, 11.1503



4.0318, 4.0285, 4.3653



8.6611, 4.4406, 1.5066



41.0418, 21.0731, 5.7501

Previews

White Background



This preview shows how the XYZ color 11.2086, 11.1688, 20.6338 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 11.2086, 11.1688, 20.6338 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 11.2086, 11.1688, 20.6338

Background



This preview shows how black text looks on a background with the XYZ color 11.2086, 11.1688, 20.6338.



This preview shows how white text looks on a background with the XYZ color 11.2086, 11.1688,

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

11.2086, 11.1688, 20.6338

Protanopia

11.2988, 11.2152, 20.6380

Deuteranopia

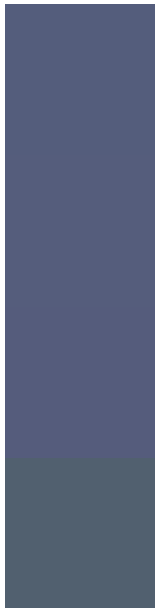
11.3030, 11.0880, 20.6132



Tritanopia

10.0817, 11.2543, 14.7376

Trichromacy



Original Color

11.2086, 11.1688, 20.6338

Protanomaly

11.2988, 11.2152, 20.6380

Deuteranomaly

11.2115, 11.0408, 20.6090

Tritanomaly

10.4455, 11.2628, 16.6623

Monochromacy



Original Color

11.2086, 11.1688, 20.6338

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.7690, 11.1990, 14.9586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2086, 11.1688, 20.6338 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(84, 93, 124) looks like.

```
.text, #text, p{  
    color:rgb(84, 93, 124)  
}
```

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(84, 93, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 93, 124) }
```

Border

The CSS property to change the border of an element to XYZ 11.2086, 11.1688, 20.6338 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(84, 93, 124) }
```


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

```
.border{ border-color:rgb(84, 93, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 93, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 93, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 93, 124);  
box-shadow:4px 4px 4px 4px rgb(84, 93,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2086, 11.1688, 20.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 93, 124) }
```

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

```
.background{ background-color: rgb(84, 93,  
124) }
```

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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