

Converting Colors

XYZ(20.2888, 22.5979, 36.0934)

Have a look what the booklet for
XYZ(20.2888, 22.5979, 36.0934)
contains.

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Color

**XYZ(20.2888, 22.5979,
36.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	65879F
RGB	101, 135, 159
RGB Percent	40%, 53%, 62%
CMY	0.6039, 0.4706, 0.3765
CMYK	0.36, 0.15, 0.00, 0.38
HSL	205°, 23%, 51%
HSV	205°, 36%, 62%
XYZ	20.2888, 22.5979, 36.0934
YIQ	127.5700, -27.9680, 0.2560

Conversions

Conversions Part 2

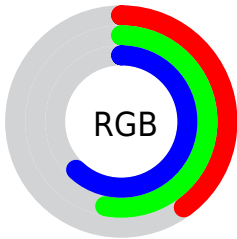
Format	Color
R_{YB}	101, 122, 159
Decimal	6653855
CIE _{Lab}	54.66, -5.73, -16.60
CIE _{LCh}	55, 17.557, 250.949
Yxy	22.5979, 0.2569, 0.2861
Android (android.graphics.Color)	4284843935 (0xFF65879F)
YUV	127.5700, 15.4950, -23.3019
Hunter-Lab	47.5372, -7.0068, -11.7408

Details

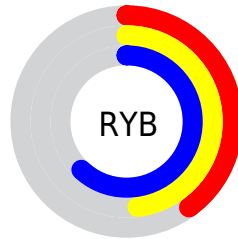
The XYZ color **20.2888, 22.5979, 36.0934** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9810, 22.9779, 15.4837**, and the grayscale version is **20.3247, 21.3832, 23.2863**.

A 20% lighter version of the original color is **43.4472, 47.6915, 70.5338**, and **7.3205, 8.2835, 15.4004** is the 20% darker color. If you saturate the color by 10%, you get **17.7882, 19.9884, 35.7219**, and if you desaturate by 10%, it is **23.1920, 25.5001, 36.5010**.

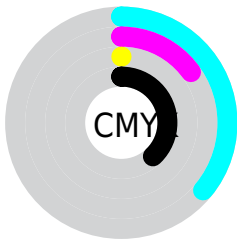
Distribution



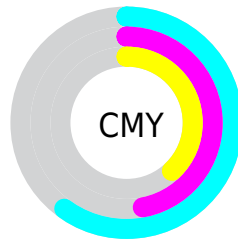
- Red (40%)
- Green (53%)
- Blue (62%)



- Red (40%)
- Yellow (48%)
- Blue (62%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2888, 22.5979, 36.0934 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 20.2888, 22.5979, 36.0934 by changing the saturation by 10% instead.

■ 20.2888, 22.5979,
36.0934

■ 20.2888, 22.5979,
36.0934

246.2782,
265.6529, 344.4183

■ 12.7146, 14.2969,
24.2161

■ 43.4011, 47.7322,
70.3469

■ 7.3080, 8.3274,
15.2803

■ 59.6700, 65.3343,
93.5601

■ 3.7035, 4.3052,
8.8675

■ 79.5677, 86.8056,
121.3890

■ 1.5358, 1.8457,
4.5593

■ 103.4598,
112.5304, 154.2522

■ 0.3500, 0.5154,
1.9369

131.7115,
142.8931, 192.5682

■ 0.0000, 0.0000,
0.5161

164.6883,

■ 0.0000, 0.0000,

178.2782, 236.7555

0.0000

202.7554,
219.0700, 287.2327

■ 20.2888, 22.5979,
36.0934

■ 20.2888, 22.5979,
36.0934

■ 17.7882, 19.9884,
35.7219

■ 23.1920, 25.5001,
36.5010

■ 15.6672, 17.6568,
35.3837

■ 26.5149, 28.7040,
36.9442

■ 13.9033, 15.5905,
35.0778

■ 30.2763, 32.2210,
37.4248

■ 12.4708, 13.7746,
34.8028

■ 34.4932, 36.0613,
37.9438

■ 11.3401, 12.1922,
34.5569

■ 39.1814, 40.2344,
38.5022

■ 10.4682, 10.8194,
34.3379

■ 44.3562, 44.7497,
39.1010

■ 10.1910, 10.3691,
34.2656

■ 50.0320, 49.6157,
39.7411

■ 56.2226, 54.8409,
40.4234

■ 62.9414, 60.4334,
41.1487

Harmonies

Analogous

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



18.7933, 22.5979, 32.2571



20.2888, 22.5979, 36.0934



22.1920, 22.5979, 36.5979

Triad

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



20.2888, 22.5979, 36.0934



25.3360, 22.5979, 22.6394



19.1349, 22.5979, 17.4129

Complementary

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



20.2888, 22.5979, 36.0934



23.9810, 22.9779, 15.4837

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.



20.7807, 22.5979, 15.5685



20.2888, 22.5979, 36.0934



24.4082, 22.5979, 18.2707

Square

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



20.2888, 22.5979, 36.0934



25.1847, 22.5979, 28.2437



22.7141, 22.5979, 15.8570



18.1552, 22.5979, 21.2936

Rectangle

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



20.2888, 22.5979, 36.0934



23.4462, 22.5979, 34.9035



22.7141, 22.5979, 15.8570



19.6243, 22.5979, 16.5626

Sweetspot

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



20.2895, 22.5988, 36.0939



50.9340, 54.6525, 66.6079



21.4162, 29.0238, 23.6091



11.2919, 12.1424, 14.9922



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.2895, 22.5988, 36.0939



32.5438, 36.5291, 64.0790



16.8622, 15.7442, 34.9515



6.5915, 7.0488, 8.4198



8.0909, 8.2734, 27.0777



0.1857, 0.2301, 0.4978

Inverse Universe

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



23.3255, 18.4281, 25.2503



38.9701, 28.4776, 40.9522



28.0715, 31.1590, 16.8472



6.7879, 6.7081, 7.7343



12.8821, 6.4574, 8.8963



0.2511, 0.1238, 0.2682

Previews

White Background



This preview shows how the XYZ color 20.2888, 22.5979, 36.0934 looks on a white 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

Black Background



This preview shows how the XYZ color 20.2888, 22.5979, 36.0934 looks on a black 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

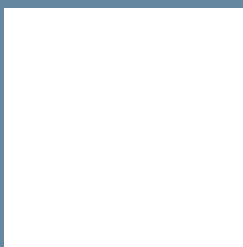
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2888, 22.5979, 36.0934

Background



This preview shows how black text looks on a background with the XYZ color 20.2888, 22.5979, 36.0934.



This preview shows how white text looks on a background with the XYZ color 20.2888, 22.5979,

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

20.2888, 22.5979, 36.0934

Protanopia

22.2241, 22.4270, 34.1679

Deuteranopia

23.0543, 22.6007, 36.8655



Tritanopia

19.3280, 22.6261, 31.3656

Trichromacy



Original Color

20.2888, 22.5979, 36.0934

Protanomaly

21.3195, 22.3459, 34.6420

Deuteranomaly

21.9327, 22.6222, 36.4683

Tritanomaly

19.6172, 22.5280, 33.0202

Monochromacy



Original Color

20.2888, 22.5979, 36.0934

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2477, 21.9482, 27.5954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2888, 22.5979, 36.0934 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, 135, 159)` looks like.

```
.text, #text, p{  
    color:rgb(101, 135, 159)  
}
```

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, 135, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 135, 159) }
```

Border

The CSS property to change the border of an element to XYZ 20.2888, 22.5979, 36.0934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

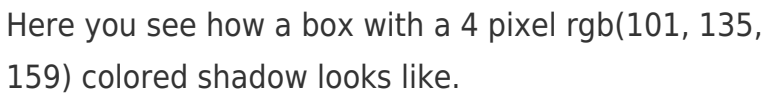
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 135, 159) }
```


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

```
.border{ border-color:rgb(101, 135, 159) }
```

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



Here you see how a box with a 4 pixel rgb(101, 135, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 135, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 135, 159);  
box-shadow:4px 4px 4px 4px rgb(101, 135,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2888, 22.5979, 36.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 135, 159) }
```

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

```
.background{ background-color: rgb(101,  
135, 159) }
```

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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