

Converting Colors

XYZ(20.0590, 22.8138, 30.5462)

Have a look what the booklet for
XYZ(20.0590, 22.8138, 30.5462)
contains.

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Color

**XYZ(20.0559, 22.8094,
30.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8892
RGB	107, 136, 146
RGB Percent	42%, 53%, 57%
CMY	0.5804, 0.4667, 0.4274
CMYK	0.27, 0.07, 0.00, 0.43
HSL	195°, 15%, 50%
HSV	195°, 27%, 57%
XYZ	20.0559, 22.8094, 30.5397
YIQ	128.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

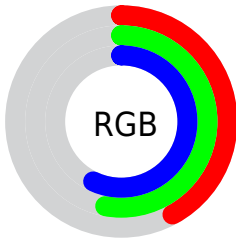
Format	Color
R_{YB}	107, 124, 146
Decimal	7047314
CIE _{Lab}	54.88, -7.83, -8.72
CIE _{LCh}	55, 11.716, 228.089
Yxy	22.8094, 0.2732, 0.3107
Android (android.graphics.Color)	4285237394 (0xFF6B8892)
YUV	128.4690, 8.6428, -18.8283
Hunter-Lab	47.7592, -8.6196, -4.4817

Details

The XYZ color **20.0559, 22.8094, 30.5397** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.8696, 19.8954, 16.6509**, and the grayscale version is **20.6573, 21.7331, 23.6673**.

A 20% lighter version of the original color is **42.9210, 47.9363, 61.6340**, and **7.1840, 8.3996, 12.3090** is the 20% darker color. If you saturate the color by 10%, you get **17.9288, 20.9444, 30.2922**, and if you desaturate by 10%, it is **22.4992, 24.8659, 30.8082**.

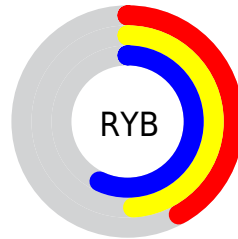
Distribution



Red (42%)

Green (53%)

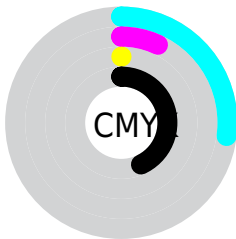
Blue (57%)



Red (42%)

Yellow (49%)

Blue (57%)

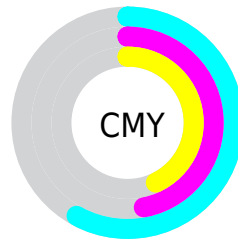


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (43%)



Cyan (58%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0559, 22.8094, 30.5397 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 20.0559, 22.8094, 30.5397 by changing the saturation by 10% instead.

■ 20.0559, 22.8094,
30.5397

■ 20.0559, 22.8094,
30.5397

245.0454,
266.7445, 318.6973

■ 12.5442, 14.4528,
19.9931

■ 43.0141, 48.0802,
61.5857

■ 7.1903, 8.4363,
12.2060

■ 59.1913, 65.7632,
82.9222

■ 3.6288, 4.3754,
6.7599

■ 78.9877, 87.3238,
108.6923

■ 1.4943, 1.8857,
3.2362

■ 102.7687,
113.1463, 139.3147

■ 0.3220, 0.5397,
1.2165

130.8996,
143.6153, 175.2078

■ 0.0000, 0.0000,
0.0000

163.7458,

179.1151, 216.7903

201.6726,
220.0300, 264.4806

■ 20.0559, 22.8094,
30.5397

■ 20.0559, 22.8094,
30.5397

■ 17.9288, 20.9444,
30.2922

■ 22.4992, 24.8659,
30.8082

■ 16.1008, 19.2601,
30.0634

■ 25.2707, 27.1186,
31.0970

■ 14.5561, 17.7486,
29.8531

■ 28.3841, 29.5755,
31.4071

■ 13.2769, 16.4005,
29.6603

■ 31.8520, 32.2432,
31.7393

■ 12.2429, 15.2050,
29.4841

■ 35.6860, 35.1280,
32.0940

■ 11.4308, 14.1498,
29.3232

■ 39.8973, 38.2361,
32.4720

■ 10.8029, 13.2152,
29.1759

■ 44.4968, 41.5731,
32.8737

■ 10.6112, 12.9209,
29.1292

■ 49.4946, 45.1447,
33.2996

■ 54.9007, 48.9561,
33.7504

Harmonies

Analogous

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



19.3941, 22.8094, 27.1202



20.0559, 22.8094, 30.5397



21.1689, 22.8094, 32.5011

Triad

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



20.0559, 22.8094, 30.5397



24.2129, 22.8094, 26.3392



20.9144, 22.8094, 18.6454

Complementary

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



20.0559, 22.8094, 30.5397



20.8696, 19.8954, 16.6509

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.



22.1985, 22.8094, 18.4813



20.0559, 22.8094, 30.5397



24.1381, 22.8094, 22.6830

Square

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



20.0559, 22.8094, 30.5397



23.5893, 22.8094, 29.9191



23.3888, 22.8094, 19.8900



19.8760, 22.8094, 20.3631

Rectangle

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



20.0559, 22.8094, 30.5397



22.0325, 22.8094, 32.6002



23.3888, 22.8094, 19.8900



21.3306, 22.8094, 18.4135

Sweetspot

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



20.0566, 22.8103, 30.5402



43.8336, 47.2411, 54.7817



19.5390, 24.9625, 20.5417



9.5959, 10.3841, 12.1708



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.0566, 22.8103, 30.5402



33.0880, 38.2460, 53.6118



17.5845, 17.8662, 29.7162



5.8396, 6.3131, 7.3805



9.3562, 11.4072, 25.6397



0.1382, 0.1870, 0.3217

Inverse Universe

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



21.5563, 18.4046, 25.7098



36.2364, 29.3270, 43.3971



23.3478, 24.8518, 17.4769



5.9725, 5.8840, 6.9611



12.8497, 6.3449, 13.2212



0.1692, 0.0824, 0.2248

Previews

White Background



This preview shows how the XYZ color 20.0559, 22.8094, 30.5397 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 20.0559, 22.8094, 30.5397 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

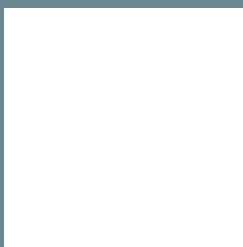
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0559, 22.8094, 30.5397

Background



This preview shows how black text looks on a background with the XYZ color 20.0559, 22.8094, 30.5397.



This preview shows how white text looks on a background with the XYZ color 20.0559, 22.8094,

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

20.0559, 22.8094, 30.5397

Protanopia

22.0710, 22.6641, 28.8025

Deuteranopia

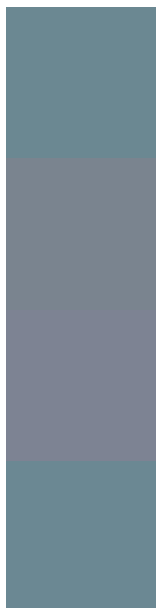
23.2178, 22.8107, 31.1962



Tritanopia

20.1340, 22.8407, 30.9513

Trichromacy



Original Color

20.0559, 22.8094, 30.5397

Protanomaly

21.2352, 22.6233, 29.2341

Deuteranomaly

21.8402, 22.6992, 30.8340

Tritanomaly

20.1340, 22.8407, 30.9513

Monochromacy



Original Color

20.0559, 22.8094, 30.5397

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.2352, 21.9749, 26.0967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0559, 22.8094, 30.5397 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(107, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(107, 136, 146)  
}
```

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(107, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 136, 146) }
```

Border

The CSS property to change the border of an element to XYZ 20.0559, 22.8094, 30.5397 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(107, 136, 146) }
```


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

```
.border{ border-color:rgb(107, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(107, 136,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0559, 22.8094, 30.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 136, 146) }
```

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

```
.background{ background-color: rgb(107,  
136, 146) }
```

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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