

Converting Colors

XYZ(20.8069, 20.6325, 30.4896)

Have a look what the booklet for
XYZ(20.8069, 20.6325, 30.4896)
contains.

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Color

**XYZ(20.8069, 20.6325,
30.4896)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7B93
RGB	125, 123, 147
RGB Percent	49%, 48%, 58%
CMY	0.5098, 0.5176, 0.4235
CMYK	0.15, 0.16, 0.00, 0.42
HSL	245°, 10%, 53%
HSV	245°, 16%, 58%
XYZ	20.8069, 20.6325, 30.4896
YIQ	126.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

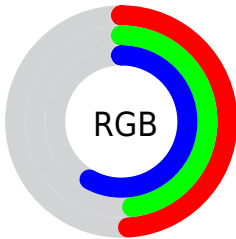
Format	Color
RYB	125, 123, 147
Decimal	8223635
CIELab	52.54, 5.89, -12.67
CIELCh	53, 13.968, 294.940
Yxy	20.6325, 0.2893, 0.2868
Android (android.graphics.Color)	4286413715 (0xFF7D7B93)
YUV	126.3340, 10.1883, -1.1699
Hunter-Lab	45.4230, 2.2751, -8.0015

Details

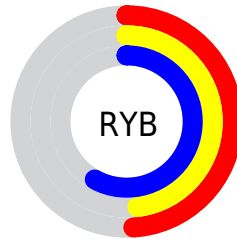
The XYZ color **20.8069, 20.6325, 30.4896** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **25.6866, 28.3178, 22.8519**, and the grayscale version is **19.9134, 20.9504, 22.8150**.

A 20% lighter version of the original color is **44.2327, 44.3420, 61.4859**, and **7.5406, 7.2786, 12.0738** is the 20% darker color. If you saturate the color by 10%, you get **17.2830, 16.3095, 29.8412**, and if you desaturate by 10%, it is **24.8729, 25.6426, 31.2427**.

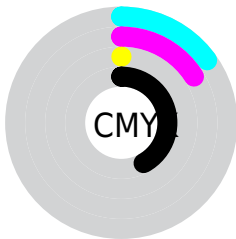
Distribution



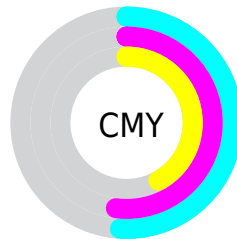
- Red (49%)
- Green (48%)
- Blue (58%)



- Red (49%)
- Yellow (48%)
- Blue (58%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (51%)
- Magenta (52%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8069, 20.6325, 30.4896 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 20.8069, 20.6325, 30.4896 by changing the saturation by 10% instead.

■ 20.8069, 20.6325,
30.4896

■ 20.8069, 20.6325,
30.4896

249.0017,
255.3189, 318.4580

■ 13.0946, 12.8556,
19.9553

■ 44.2596, 44.4751,
61.5057

■ 7.5712, 7.3292,
12.1788

■ 60.7308, 61.3096,
82.8246

■ 3.8713, 3.6688,
6.7416

■ 80.8522, 81.9322,
108.5755

■ 1.6296, 1.4901,
3.2250

104.9893,
106.7271, 139.1769

■ 0.4116, 0.2817,
1.2106

133.5075,
136.0789, 175.0472

■ 0.0000, 0.0000,
0.0000

166.7720,

170.3719, 216.6052

205.1483,
209.9904, 264.2693

■ 20.8069, 20.6325,
30.4896

■ 20.8069, 20.6325,
30.4896

■ 17.2830, 16.3095,
29.8412

■ 24.8729, 25.6426,
31.2427

■ 14.2764, 12.6410,
29.2916

■ 29.5004, 31.3650,
32.1033

■ 11.7633, 9.5960,
28.8363

■ 34.7106, 37.8273,
33.0761

■ 9.7171, 7.1396,
28.4700

■ 40.5226, 45.0543,
34.1647

■ 8.1090, 5.2338,
28.1869

■ 46.9549, 53.0701,
35.3729

■ 6.9068, 3.8358,
27.9805

■ 54.0251, 61.8976,
36.7041

■ 6.0737, 2.8968,
27.8431

■ 61.7501, 71.5585,
38.1617

■ 5.5598, 2.3449,
27.7637

■ 70.1462, 82.0741,
39.7489

■ 5.4216, 2.1865,
27.7404

■ 79.1321, 93.2708,
41.4365

Harmonies

Analogous

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



19.3663, 20.6325, 31.3704



20.8069, 20.6325, 30.4896



21.9764, 20.6325, 27.3585

Triad

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



20.8069, 20.6325, 30.4896



21.2520, 20.6325, 16.5556



16.9685, 20.6325, 21.7701

Complementary

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



20.8069, 20.6325, 30.4896



25.6866, 28.3178, 22.8519

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.



17.4209, 20.6325, 18.1933



20.8069, 20.6325, 30.4896



19.8569, 20.6325, 15.4283

Square

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



20.8069, 20.6325, 30.4896



22.2422, 20.6325, 19.2711



18.4610, 20.6325, 15.9890



17.1952, 20.6325, 25.9942

Rectangle

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



20.8069, 20.6325, 30.4896



22.4208, 20.6325, 24.5991



18.4610, 20.6325, 15.9890



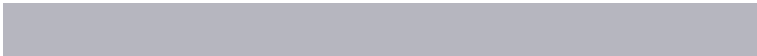
17.0455, 20.6325, 20.4586

Sweetspot

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



20.8075, 20.6334, 30.4901



45.5014, 47.1047, 56.1285



23.6221, 26.6913, 31.5110



10.2723, 10.6113, 12.7916



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.8075, 20.6334, 30.4901



34.5690, 33.6415, 54.1061



22.6012, 21.5580, 30.5740



5.5416, 5.6547, 7.2691



4.7100, 1.9007, 24.0497



0.0665, 0.0278, 0.2948

Inverse Universe

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



24.2271, 22.4142, 29.8384



42.0241, 37.5249, 52.6414



23.7456, 27.3172, 22.7611



6.0147, 5.9009, 7.1836



14.2125, 6.8901, 20.3980



0.1789, 0.0863, 0.2757

Previews

White Background



This preview shows how the XYZ color 20.8069, 20.6325, 30.4896 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 20.8069, 20.6325, 30.4896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

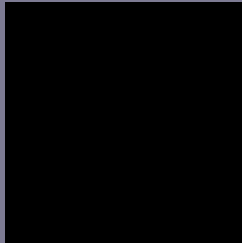
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8069, 20.6325, 30.4896

Background



This preview shows how black text looks on a background with the XYZ color 20.8069, 20.6325, 30.4896.



This preview shows how white text looks on a background with the XYZ color 20.8069, 20.6325,

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

20.8069, 20.6325, 30.4896

Protanopia

20.4381, 20.6184, 30.9195

Deuteranopia

20.9784, 20.5377, 30.4623



Tritanopia

19.8752, 20.6275, 25.8556

Trichromacy



Original Color

20.8069, 20.6325, 30.4896

Protanomaly

20.5790, 20.6910, 30.9261

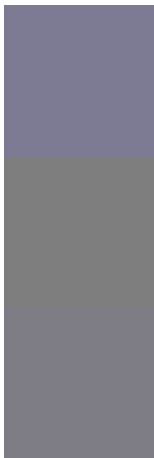
Deuteranomaly

20.8302, 20.4613, 30.4553

Tritanomaly

20.1800, 20.5645, 27.3318

Monochromacy



Original Color

20.8069, 20.6325, 30.4896

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.2409, 20.8241, 25.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8069, 20.6325, 30.4896 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(125, 123, 147)` looks like.

```
.text, #text, p{  
    color:rgb(125, 123, 147)  
}
```

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(125, 123, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 123, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.8069, 20.6325, 30.4896 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(125, 123, 147) }
```


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

```
.border{ border-color:rgb(125, 123, 147) }
```

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

Here you see how a box with a 4 pixel rgb(125, 123, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 123, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 123, 147);  
box-shadow:4px 4px 4px 4px rgb(125, 123,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8069, 20.6325, 30.4896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 123, 147) }
```

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

```
.background{ background-color: rgb(125,  
123, 147) }
```

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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