

Converting Colors

XYZ(20.3284, 22.3935, 31.9842)

Have a look what the booklet for
XYZ(20.3284, 22.3935, 31.9842)
contains.

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Color

**XYZ(20.3230, 22.2921,
32.0858)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8596
RGB	110, 133, 150
RGB Percent	43%, 52%, 59%
CMY	0.5686, 0.4784, 0.4118
CMYK	0.27, 0.11, 0.00, 0.41
HSL	205°, 16%, 51%
HSV	205°, 27%, 59%
XYZ	20.3230, 22.2921, 32.0858
YIQ	128.0610, -19.1650, 0.4110

Conversions

Conversions Part 2

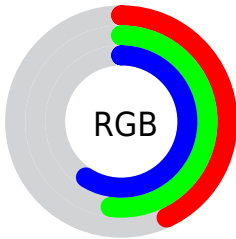
Format	Color
RYB	110, 125, 150
Decimal	7243158
CIELab	54.34, -4.18, -11.82
CIELCh	54, 12.541, 250.515
Yxy	22.2921, 0.2721, 0.2984
Android (android.graphics.Color)	4285433238 (0xFF6E8596)
YUV	128.0610, 10.8159, -15.8395
Hunter-Lab	47.2145, -5.7919, -7.2418

Details

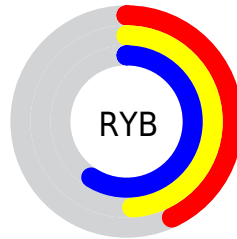
The XYZ color **20.3230, 22.2921, 32.0858** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9818, 22.7888, 17.9399**, and the grayscale version is **20.5080, 21.5760, 23.4962**.

A 20% lighter version of the original color is **43.3583, 47.1588, 63.9441**, and **7.3469, 8.2336, 13.0064** is the 20% darker color. If you saturate the color by 10%, you get **17.7661, 19.7179, 31.7241**, and if you desaturate by 10%, it is **23.2502, 25.1369, 32.4810**.

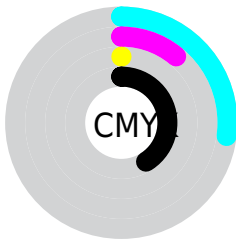
Distribution



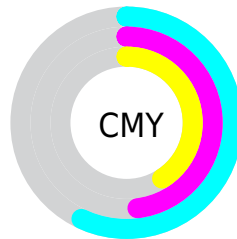
- Red (43%)
- Green (52%)
- Blue (59%)



- Red (43%)
- Yellow (49%)
- Blue (59%)



- Cyan (27%)
- Magenta (11%)
- Yellow (0%)
- Black (41%)



- Cyan (57%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3230, 22.2921, 32.0858 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 20.3230, 22.2921, 32.0858 by changing the saturation by 10% instead.

■ 20.3230, 22.2921,
32.0858

■ 20.3230, 22.2921,
32.0858

246.4588,
264.0679, 326.0147

■ 12.7397, 14.0717,
21.1617

■ 43.4579, 47.2283,
64.0450

■ 7.3253, 8.1705,
13.0498

■ 59.7401, 64.7129,
85.9172

■ 3.7145, 4.2043,
7.3317

■ 79.6528, 86.0543,
112.2759

■ 1.5419, 1.7885,
3.5888

■ 103.5611,
111.6370, 143.5395

■ 0.3541, 0.4800,
1.4026

131.8305,
141.8453, 180.1267

■ 0.0000, 0.0000,
0.1438

164.8264,

■ 0.0000, 0.0000,

177.0636, 222.4559

0.0000

202.9140,
217.6763, 270.9457

■ 20.3230, 22.2921,
32.0858

■ 20.3230, 22.2921,
32.0858

■ 17.7661, 19.7179,
31.7241

■ 23.2502, 25.1369,
32.4810

■ 15.5606, 17.4017,
31.3932

■ 26.5614, 28.2590,
32.9091

■ 13.6889, 15.3333,
31.0926

■ 30.2719, 31.6683,
33.3716

■ 12.1310, 13.5011,
30.8211

■ 34.3957, 35.3733,
33.8694

■ 10.8646, 11.8921,
30.5773

■ 38.9460, 39.3820,
34.4033

■ 9.8638, 10.4912,
30.3596

■ 43.9354, 43.7021,
34.9742

■ 9.0888, 9.2765,
30.1660

■ 49.3760, 48.3411,
35.5829

■ 8.8533, 8.8985,
30.1055

■ 55.2794, 53.3060,
36.2301

■ 61.6568, 58.6039,
36.9165

Harmonies

Analogous

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



19.2513, 22.2921, 29.5003



20.3230, 22.2921, 32.0858



21.6715, 22.2921, 32.4543

Triad

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



20.3230, 22.2921, 32.0858



23.8797, 22.2921, 22.9238



19.5253, 22.2921, 18.9859

Complementary

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



20.3230, 22.2921, 32.0858



22.9818, 22.7888, 17.9399

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.



20.7117, 22.2921, 17.5959



20.3230, 22.2921, 32.0858



23.2504, 22.2921, 19.7016

Square

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



20.3230, 22.2921, 32.0858



23.7646, 22.2921, 26.8717



22.0771, 22.2921, 17.8430



18.8046, 22.2921, 21.8462

Rectangle

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



20.3230, 22.2921, 32.0858



22.5513, 22.2921, 31.3546



22.0771, 22.2921, 17.8430



19.8807, 22.2921, 18.3459

Sweetspot

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



20.3237, 22.2930, 32.0863



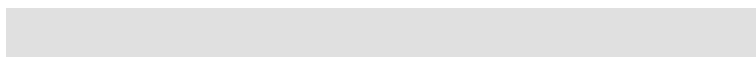
45.9584, 49.0165, 57.9601



21.1463, 26.6518, 23.9953



9.9984, 10.6881, 12.8209



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.



20.3237, 22.2930, 32.0863



33.0976, 36.5751, 56.2365



17.8784, 17.4024, 31.2712



5.7597, 6.1534, 7.3539



7.3749, 7.4446, 24.9793



0.1195, 0.1497, 0.3155

Inverse Universe

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



22.3878, 19.3300, 24.7424



37.4351, 30.6934, 40.7268



25.7745, 28.3741, 18.8708



5.9321, 5.8679, 6.7488



11.8496, 5.9449, 7.9549



0.1598, 0.0787, 0.1752

Previews

White Background



This preview shows how the XYZ color 20.3230, 22.2921, 32.0858 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 20.3230, 22.2921, 32.0858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

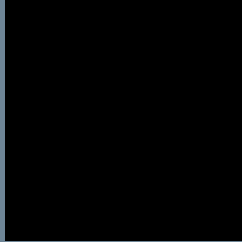
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

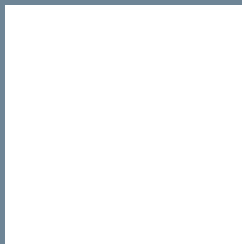
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3230, 22.2921, 32.0858

Background



This preview shows how black text looks on a background with the XYZ color 20.3230, 22.2921, 32.0858.



This preview shows how white text looks on a background with the XYZ color 20.3230, 22.2921,

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

20.3230, 22.2921, 32.0858

Protanopia

21.8691, 22.3191, 30.7592

Deuteranopia

22.6910, 22.3186, 32.3901



Tritanopia

19.9426, 22.3457, 30.0501

Trichromacy



Original Color

20.3230, 22.2921, 32.0858

Protanomaly

21.2131, 22.1683, 31.1778

Deuteranomaly

21.7484, 22.2200, 32.4208

Tritanomaly

20.0982, 22.4080, 30.8696

Monochromacy



Original Color

20.3230, 22.2921, 32.0858

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3117, 21.8078, 26.4313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3230, 22.2921, 32.0858 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(110, 133, 150)` looks like.

```
.text, #text, p{  
    color:rgb(110, 133, 150)  
}
```

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(110, 133, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 133, 150) }
```

Border

The CSS property to change the border of an element to XYZ 20.3230, 22.2921, 32.0858 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(110, 133, 150) }
```


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

```
.border{ border-color:rgb(110, 133, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 133, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 133, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 133, 150);  
box-shadow:4px 4px 4px 4px rgb(110, 133,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3230, 22.2921, 32.0858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 133, 150) }
```

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

```
.background{ background-color: rgb(110,  
133, 150) }
```

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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