

Converting Colors

XYZ(20.5360, 22.2181, 31.2231)

Have a look what the booklet for
XYZ(20.5360, 22.2181, 31.2231)
contains.

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Color

**XYZ(20.5360, 22.2181,
31.2231)**

Conversions

Conversions Part 1

Format	Color
Hex	728494
RGB	114, 132, 148
RGB Percent	45%, 52%, 58%
CMY	0.5529, 0.4823, 0.4196
CMYK	0.23, 0.11, 0.00, 0.42
HSL	208°, 14%, 51%
HSV	208°, 23%, 58%
XYZ	20.5360, 22.2181, 31.2231
YIQ	128.4420, -15.8640, 1.1600

Conversions

Conversions Part 2

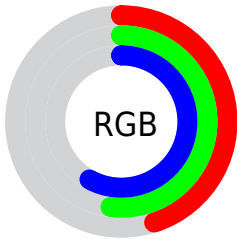
Format	Color
R_{YB}	114, 126, 148
Decimal	7505044
CIE _{Lab}	54.26, -2.81, -10.75
CIE _{LCh}	54, 11.113, 255.374
Yxy	22.2181, 0.2776, 0.3003
Android (android.graphics.Color)	4285695124 (0xFF728494)
YUV	128.4420, 9.6421, -12.6656
Hunter-Lab	47.1361, -4.7202, -6.2786

Details

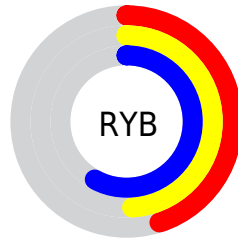
The XYZ color **20.5360, 22.2181, 31.2231** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2328, 23.4760, 19.2269**, and the grayscale version is **20.6434, 21.7185, 23.6514**.

A 20% lighter version of the original color is **43.7355, 47.0692, 62.6573**, and **7.4309, 8.1734, 12.4952** is the 20% darker color. If you saturate the color by 10%, you get **17.8516, 19.4793, 30.8363**, and if you desaturate by 10%, it is **23.5964, 25.2454, 31.6465**.

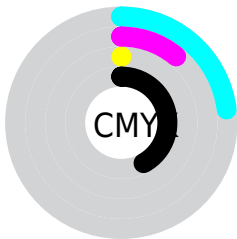
Distribution



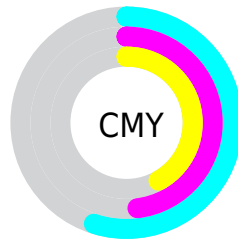
- Red (45%)
- Green (52%)
- Blue (58%)



- Red (45%)
- Yellow (49%)
- Blue (58%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (42%)



- Cyan (55%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5360, 22.2181, 31.2231 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 20.5360, 22.2181, 31.2231 by changing the saturation by 10% instead.

■ 20.5360, 22.2181,
31.2231

■ 20.5360, 22.2181,
31.2231

247.5808,
263.6831, 321.9478

■ 12.8958, 14.0172,
20.5089

■ 43.8111, 47.1062,
62.6748

■ 7.4333, 8.1327,
12.5778

■ 60.1768, 64.5622,
84.2495

■ 3.7833, 4.1800,
7.0112

■ 80.1816, 85.8721,
110.2813

■ 1.5803, 1.7747,
3.3905

■ 104.1909,
111.4203, 141.1889

■ 0.3795, 0.4713,
1.2973

132.5702,
141.5910, 177.3908

■ 0.0000, 0.0000,
0.0596

165.6847,

■ 0.0000, 0.0000,

176.7688, 219.3056

0.0000

203.8998,
217.3381, 267.3517

■ 20.5360, 22.2181,
31.2231

■ 20.5360, 22.2181,
31.2231

■ 17.8516, 19.4793,
30.8363

■ 23.5964, 25.2454,
31.6465

■ 15.5248, 17.0161,
30.4835

■ 27.0458, 28.5681,
32.1060

■ 13.5391, 14.8186,
30.1640

■ 30.8991, 32.1961,
32.6032

■ 11.8752, 12.8750,
29.8766

■ 35.1700, 36.1381,
33.1390

■ 10.5121, 11.1726,
29.6198

■ 39.8712, 40.4023,
33.7143

■ 9.4259, 9.6967,
29.3922

■ 45.0150, 44.9967,
34.3300

■ 8.5884, 8.4309,
29.1920

■ 50.6132, 49.9288,
34.9869

■ 8.0955, 7.6384,
29.0650

■ 56.6771, 55.2060,
35.6859

■ 63.2177, 60.8355,
36.4278

Harmonies

Analogous

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



19.5262, 22.2181, 29.2466



20.5360, 22.2181, 31.2231



21.7400, 22.2181, 31.1965

Triad

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



20.5360, 22.2181, 31.2231



23.4396, 22.2181, 22.4691



19.5058, 22.2181, 19.8094

Complementary

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



20.5360, 22.2181, 31.2231



23.2328, 23.4760, 19.2269

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.



20.5073, 22.2181, 18.3229



20.5360, 22.2181, 31.2231



22.7933, 22.2181, 19.7557

Square

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



20.5360, 22.2181, 31.2231



23.4480, 22.2181, 25.9123



21.7102, 22.2181, 18.3042



18.9470, 22.2181, 22.5491

Rectangle

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



20.5360, 22.2181, 31.2231



22.4923, 22.2181, 30.0371



21.7102, 22.2181, 18.3042



19.8001, 22.2181, 19.1586

Sweetspot

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



20.5367, 22.2190, 31.2236



45.0987, 47.8986, 56.3030



21.5501, 26.3657, 25.0259



10.2236, 10.8655, 12.8432



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.



20.5367, 22.2190, 31.2236



33.5090, 36.4420, 54.7025



18.4311, 18.0079, 30.5218



5.7384, 6.1108, 7.3468



6.9422, 6.5792, 24.8351



0.1145, 0.1396, 0.3138

Inverse Universe

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



22.3955, 19.9970, 24.5103



37.4821, 31.9549, 40.2942



25.6634, 28.3372, 20.0371



5.9214, 5.8636, 6.6922



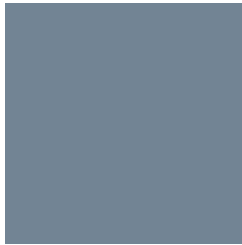
11.6312, 5.8575, 6.8048



0.1573, 0.0777, 0.1618

Previews

White Background



This preview shows how the XYZ color 20.5360, 22.2181, 31.2231 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 20.5360, 22.2181, 31.2231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

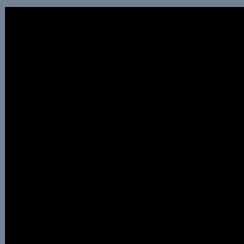
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

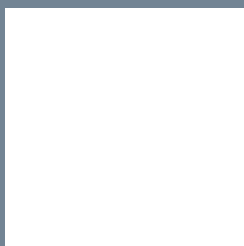
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5360, 22.2181, 31.2231

Background



This preview shows how black text looks on a background with the XYZ color 20.5360, 22.2181, 31.2231.



This preview shows how white text looks on a background with the XYZ color 20.5360, 22.2181,

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

20.5360, 22.2181, 31.2231

Protanopia

21.7910, 22.2879, 30.3476

Deuteranopia

22.5585, 22.0782, 31.5063



Tritanopia

20.1555, 22.2689, 29.2226

Trichromacy



Original Color

20.5360, 22.2181, 31.2231

Protanomaly

21.2751, 22.2094, 30.7693

Deuteranomaly

21.7482, 22.0439, 31.5424

Tritanomaly

20.3084, 22.3301, 30.0278

Monochromacy



Original Color

20.5360, 22.2181, 31.2231

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3918, 21.6607, 26.0278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5360, 22.2181, 31.2231 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(114, 132, 148)` looks like.

```
.text, #text, p{  
    color:rgb(114, 132, 148)  
}
```

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(114, 132, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 132, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.5360, 22.2181, 31.2231 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(114, 132, 148) }
```


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

```
.border{ border-color:rgb(114, 132, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 132, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 132, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 132, 148);  
box-shadow:4px 4px 4px 4px rgb(114, 132,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5360, 22.2181, 31.2231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 132, 148) }
```

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

```
.background{ background-color: rgb(114,  
132, 148) }
```

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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