

Converting Colors

XYZ(20.6168, 24.1154, 35.9610)

Have a look what the booklet for
XYZ(20.6168, 24.1154, 35.9610)
contains.

XYZ(20.5203, 24.0052, 35.8997)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.5203, 24.0052,
35.8997)**

Conversions

Conversions Part 1

Format	Color
Hex	608D9E
RGB	96, 141, 158
RGB Percent	38%, 55%, 62%
CMY	0.6235, 0.4470, 0.3804
CMYK	0.39, 0.11, 0.00, 0.38
HSL	196°, 24%, 50%
HSV	196°, 39%, 62%
XYZ	20.5203, 24.0052, 35.8997
YIQ	129.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

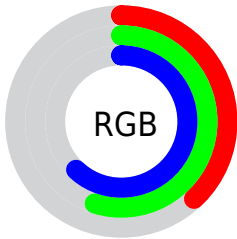
Format	Color
RYB	96, 122, 158
Decimal	6327710
CIELab	56.09, -10.79, -13.87
CIElCh	56, 17.575, 232.109
Yxy	24.0052, 0.2551, 0.2985
Android (android.graphics.Color)	4284517790 (0xFF608D9E)
YUV	129.4830, 14.0589, -29.3646
Hunter-Lab	48.9951, -10.9814, -9.1464

Details

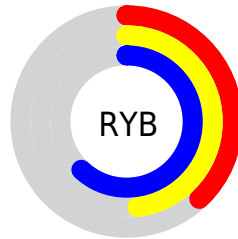
The XYZ color **20.5203, 24.0052, 35.8997** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1174, 19.9242, 13.7470**, and the grayscale version is **20.9966, 22.0901, 24.0561**.

A 20% lighter version of the original color is **43.9198, 50.2239, 70.3301**, and **7.4771, 9.1016, 15.2726** is the 20% darker color. If you saturate the color by 10%, you get **18.3959, 21.9808, 35.6213**, and if you desaturate by 10%, it is **23.0052, 26.2537, 36.2032**.

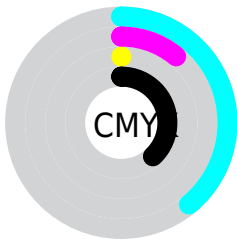
Distribution



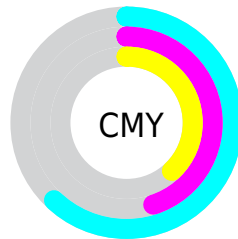
- Red (38%)
- Green (55%)
- Blue (62%)



- Red (38%)
- Yellow (48%)
- Blue (62%)



- Cyan (39%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5203, 24.0052, 35.8997 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 20.5203, 24.0052, 35.8997 by changing the saturation by 10% instead.

■ 20.5203, 24.0052,
35.8997

■ 20.5203, 24.0052,
35.8997

247.4983,
272.8468, 343.5461

■ 12.8843, 15.3375,
24.0677

■ 43.7851, 50.0387,
70.0445

■ 7.4254, 9.0566,
15.1712

■ 60.1446, 68.1732,
93.1944

■ 3.7782, 4.7781,
8.7916

■ 80.1427, 90.2322,
120.9540

■ 1.5774, 2.1177,
4.5106

■ 104.1446,
116.5999, 153.7418

■ 0.3776, 0.6745,
1.9094

132.5158,
147.6609, 191.9763

■ 0.0000, 0.0000,
0.4987

165.6215,

■ 0.0000, 0.0000,

183.7994, 236.0762

0.0000

203.8273,
225.3999, 286.4599

■ 20.5203, 24.0052,
35.8997

■ 20.5203, 24.0052,
35.8997

■ 18.3959, 21.9808,
35.6213

■ 23.0052, 26.2537,
36.2032

■ 16.6095, 20.1668,
35.3653

■ 25.8673, 28.7335,
36.5310

■ 15.1392, 18.5519,
35.1311

■ 29.1246, 31.4550,
36.8846

■ 13.9595, 17.1227,
34.9175

■ 32.7933, 34.4270,
37.2649

■ 13.0406, 15.8633,
34.7228

■ 36.8888, 37.6576,
37.6726

■ 12.3187, 14.7404,
34.5441

■ 41.4257, 41.1549,
38.1085

■ 12.2661, 14.6576,
34.5309

■ 46.4177, 44.9262,
38.5733

■ 51.8779, 48.9788,
39.0678

■ 57.8191, 53.3196,
39.5925

Harmonies

Analogous

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



19.4143, 24.0052, 30.5363



20.5203, 24.0052, 35.8997



22.2889, 24.0052, 38.7293

Triad

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



20.5203, 24.0052, 35.8997



26.8696, 24.0052, 27.6894



21.3900, 24.0052, 17.1527

Complementary

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



20.5203, 24.0052, 35.8997



22.1174, 19.9242, 13.7470

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.



23.3518, 24.0052, 16.6220



20.5203, 24.0052, 35.8997



26.5940, 24.0052, 22.1830

Square

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



20.5203, 24.0052, 35.8997



26.0097, 24.0052, 33.5551



25.2773, 24.0052, 18.3281



19.8955, 24.0052, 19.9026

Rectangle

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



20.5203, 24.0052, 35.8997



23.6380, 24.0052, 38.5454



25.2773, 24.0052, 18.3281



22.0138, 24.0052, 16.7270

Sweetspot

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



20.5210, 24.0061, 35.9003



51.0407, 55.5942, 66.7841



20.0057, 28.1228, 19.8598



11.3436, 12.3977, 15.0388



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.



20.5210, 24.0061, 35.9003



33.8803, 40.3800, 64.7519



16.6224, 16.2089, 34.6007



6.6680, 7.2017, 8.4453



9.8578, 11.8071, 27.6667



0.2093, 0.2771, 0.5057

Inverse Universe

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



23.0918, 17.5586, 27.3724



39.3571, 27.5314, 46.3844



26.1151, 27.9196, 15.0795



6.8265, 6.7235, 7.9375



13.7739, 6.8141, 13.5925



0.2629, 0.1285, 0.3308

Previews

White Background



This preview shows how the XYZ color 20.5203, 24.0052, 35.8997 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 20.5203, 24.0052, 35.8997 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

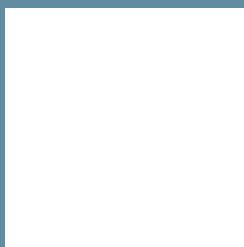
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5203, 24.0052, 35.8997

Background



This preview shows how black text looks on a background with the XYZ color 20.5203, 24.0052, 35.8997.



This preview shows how white text looks on a background with the XYZ color 20.5203, 24.0052,

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

20.5203, 24.0052, 35.8997

Protanopia

23.4974, 23.9003, 33.5118

Deuteranopia

24.2930, 23.8390, 36.5787



Tritanopia

20.1421, 24.0788, 33.7231

Trichromacy



Original Color

20.5203, 24.0052, 35.8997

Protanomaly

22.1918, 23.8264, 34.4397

Deuteranomaly

22.6677, 23.8242, 36.2047

Tritanomaly

20.3087, 24.1455, 34.6005

Monochromacy



Original Color

20.5203, 24.0052, 35.8997

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.4573, 22.4504, 28.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5203, 24.0052, 35.8997 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(96, 141, 158)` looks like.

```
.text, #text, p{  
    color:rgb(96, 141, 158)  
}
```

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(96, 141, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 141, 158) }
```

Border

The CSS property to change the border of an element to XYZ 20.5203, 24.0052, 35.8997 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(96, 141, 158) }
```


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

```
.border{ border-color:rgb(96, 141, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 141, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 141, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 141, 158);  
box-shadow:4px 4px 4px 4px rgb(96, 141,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5203, 24.0052, 35.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 141, 158) }
```

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

```
.background{ background-color: rgb(96, 141,  
158) }
```

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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