

Converting Colors

XYZ(20.5503, 25.3761, 38.5597)

Have a look what the booklet for
XYZ(20.5503, 25.3761, 38.5597)
contains.

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Color

**XYZ(20.5243, 25.3056,
38.4531)**

Conversions

Conversions Part 1

Format	Color
Hex	5293A3
RGB	82, 147, 163
RGB Percent	32%, 58%, 64%
CMY	0.6784, 0.4235, 0.3608
CMYK	0.50, 0.10, 0.00, 0.36
HSL	192°, 33%, 48%
HSV	192°, 50%, 64%
XYZ	20.5243, 25.3056, 38.4531
YIQ	129.3890, -43.8760, -8.8040

Conversions

Conversions Part 2

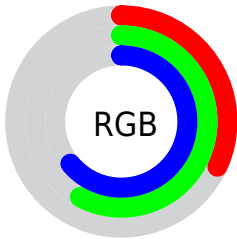
Format	Color
R _Y B	82, 118, 163
Decimal	5411747
CIE Lab	57.37, -16.29, -14.87
CIE LCh	57, 22.051, 222.387
Yxy	25.3056, 0.2435, 0.3002
Android (android.graphics.Color)	4283601827 (0xFF5293A3)
YUV	129.3890, 16.5702, -41.5602
Hunter-Lab	50.3047, -15.2052, -10.1083

Details

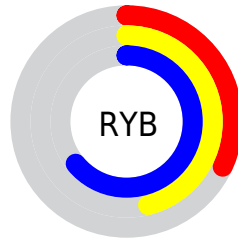
The XYZ color **20.5243, 25.3056, 38.4531** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9956, 17.1319, 10.1837**, and the grayscale version is **20.9581, 22.0496, 24.0120**.

A 20% lighter version of the original color is **43.8581, 52.1536, 74.0848**, and **7.3830, 9.6840, 16.5190** is the 20% darker color. If you saturate the color by 10%, you get **18.7782, 23.6731, 38.2305**, and if you desaturate by 10%, it is **22.6227, 27.1416, 38.6973**.

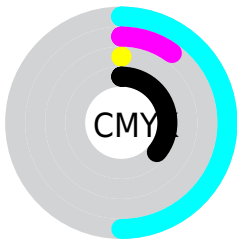
Distribution



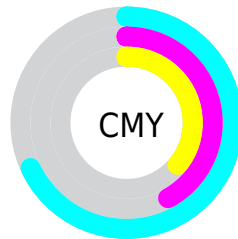
- Red (32%)
- Green (58%)
- Blue (64%)



- Red (32%)
- Yellow (46%)
- Blue (64%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5243, 25.3056, 38.4531 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 20.5243, 25.3056, 38.4531 by changing the saturation by 10% instead.

■ 20.5243, 25.3056,
38.4531

■ 20.5243, 25.3056,
38.4531

■ 247.5193,
279.3564, 354.9160

■ 12.8872, 16.3049,
26.0300

■ 43.7918, 52.1526,
74.0132

■ 7.4274, 9.7402,
16.6201

■ 60.1528, 70.7676,
97.9873

■ 3.7795, 5.2270,
9.8049

■ 80.1526, 93.3562,
126.6487

■ 1.5782, 2.3811,
5.1659

■ 104.1564,
120.3028, 160.4161

■ 0.3781, 0.8161,
2.2845

■ 132.5296,
151.9917, 199.7080

■ 0.0000, 0.0000,
0.7225

165.6376,

■ 0.0000, 0.0000,

188.8073, 244.9429

0.0000

203.8457,
231.1341, 296.5394

■ 20.5243, 25.3056,
38.4531

■ 20.5243, 25.3056,
38.4531

■ 18.7782, 23.6731,
38.2305

■ 22.6227, 27.1416,
38.6973

■ 17.3577, 22.2286,
38.0265

■ 25.0930, 29.1898,
38.9625

■ 16.2360, 20.9585,
37.8405

■ 27.9560, 31.4616,
39.2501

■ 15.3808, 19.8461,
37.6709

■ 31.2305, 33.9667,
39.5610

■ 14.7207, 18.8544,
37.5142

■ 34.9339, 36.7145,
39.8962

■ 14.7010, 18.8245,
37.5095

■ 39.0825, 39.7133,
40.2564

■ 43.6919, 42.9715,
40.6424

■ 48.7768, 46.4968,
41.0548

■ 54.3514, 50.2965,
41.4944

Harmonies

Analogous

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



19.4653, 25.3056, 30.7614



20.5243, 25.3056, 38.4531



22.5618, 25.3056, 43.6948

Triad

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



20.5243, 25.3056, 38.4531



29.1732, 25.3056, 32.1473



22.9890, 25.3056, 15.7403

Complementary

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



20.5243, 25.3056, 38.4531



20.9956, 17.1319, 10.1837

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.



25.6069, 25.3056, 15.9755



20.5243, 25.3056, 38.4531



29.3084, 25.3056, 24.5767

Square

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



20.5243, 25.3056, 38.4531



27.6058, 25.3056, 39.6248



27.9629, 25.3056, 18.9368



20.8175, 25.3056, 18.2225

Rectangle

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



20.5243, 25.3056, 38.4531



24.2624, 25.3056, 44.6025



27.9629, 25.3056, 18.9368



23.8433, 25.3056, 15.5190

Sweetspot

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



20.5251, 25.3066, 38.4537



52.5614, 58.2717, 70.5334



18.7283, 28.8491, 15.8549



11.5461, 12.8884, 15.8167



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.5251, 25.3066, 38.4537



33.2335, 42.0082, 68.4129



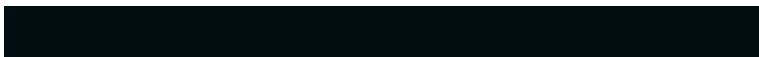
15.4171, 15.0906, 36.7510



7.1567, 7.7724, 9.0261



11.4573, 14.6940, 29.1621



0.2694, 0.3660, 0.6223

Inverse Universe

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



23.3887, 15.9286, 29.4465



39.1957, 23.9580, 49.3292



25.6234, 26.3875, 11.7263



7.3041, 7.1781, 8.5877



14.9286, 7.3275, 17.3463



0.3281, 0.1598, 0.4406

Previews

White Background



This preview shows how the XYZ color 20.5243, 25.3056, 38.4531 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 20.5243, 25.3056, 38.4531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

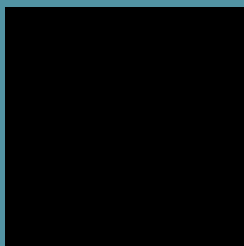
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.5243, 25.3056, 38.4531

Background



This preview shows how black text looks on a background with the XYZ color 20.5243, 25.3056, 38.4531.



This preview shows how white text looks on a background with the XYZ color 20.5243, 25.3056,

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

20.5243, 25.3056, 38.4531

Protanopia

24.6364, 25.0770, 34.9943

Deuteranopia

25.5614, 25.0376, 39.5619



Tritanopia

20.2413, 25.4323, 36.6430

Trichromacy



Original Color

20.5243, 25.3056, 38.4531

Protanomaly

22.7063, 24.9042, 36.4111

Deuteranomaly

23.2266, 24.8949, 39.1783

Tritanomaly

20.3284, 25.4672, 37.1019

Monochromacy



Original Color

20.5243, 25.3056, 38.4531

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2940, 22.9762, 28.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5243, 25.3056, 38.4531 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(82, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(82, 147, 163)  
}
```

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(82, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 147, 163) }
```

Border

The CSS property to change the border of an element to XYZ 20.5243, 25.3056, 38.4531 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(82, 147, 163) }
```


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

```
.border{ border-color:rgb(82, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(82, 147,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5243, 25.3056, 38.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 147, 163) }
```

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

```
.background{ background-color: rgb(82, 147,  
163) }
```

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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