

Converting Colors

XYZ(20.6062, 25.6404, 35.7613)

Have a look what the booklet for
XYZ(20.6062, 25.6404, 35.7613)
contains.

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Color

**XYZ(20.6062, 25.6404,
35.7613)**

Conversions

Conversions Part 1

Format	Color
Hex	57949D
RGB	87, 148, 157
RGB Percent	34%, 58%, 62%
CMY	0.6588, 0.4196, 0.3843
CMYK	0.45, 0.06, 0.00, 0.38
HSL	188°, 29%, 48%
HSV	188°, 45%, 62%
XYZ	20.6062, 25.6404, 35.7613
YIQ	130.7870, -39.2450, -10.1330

Conversions

Conversions Part 2

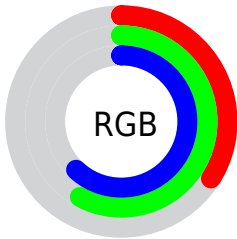
Format	Color
R _Y B	87, 120, 157
Decimal	5739677
CIE Lab	57.69, -17.28, -10.93
CIE LCh	58, 20.445, 212.321
Yxy	25.6404, 0.2513, 0.3127
Android (android.graphics.Color)	4283929757 (0xFF57949D)
YUV	130.7870, 12.9230, -38.4012
Hunter-Lab	50.6364, -15.9740, -6.4274

Details

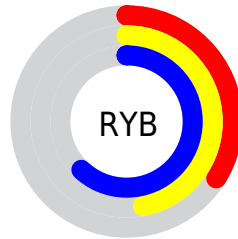
The XYZ color **20.6062, 25.6404, 35.7613** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.8082, 16.2224, 11.1047**, and the grayscale version is **21.4635, 22.5813, 24.5910**.

A 20% lighter version of the original color is **43.9887, 52.6572, 70.1328**, and **7.4719, 9.8971, 15.1522** is the 20% darker color. If you saturate the color by 10%, you get **18.9832, 24.3384, 35.5960**, and if you desaturate by 10%, it is **22.5551, 27.1198, 35.9446**.

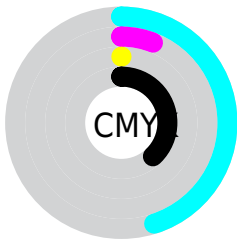
Distribution



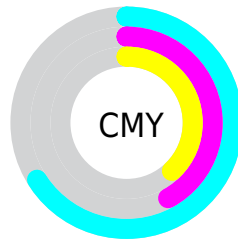
- Red (34%)
- Green (58%)
- Blue (62%)



- Red (34%)
- Yellow (47%)
- Blue (62%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6062, 25.6404, 35.7613 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 20.6062, 25.6404, 35.7613 by changing the saturation by 10% instead.

■ 20.6062, 25.6404,
35.7613

■ 20.6062, 25.6404,
35.7613

247.9497,
281.0123, 342.9218

■ 12.9473, 16.5548,
23.9617

■ 43.9274, 52.6943,
69.8284

■ 7.4690, 9.9176,
15.0933

■ 60.3205, 71.4313,
92.9329

■ 3.8060, 5.3444,
8.7375

■ 80.3556, 94.1543,
120.6428

■ 1.5930, 2.4507,
4.4759

■ 104.3981,
121.2477, 153.3766

■ 0.3878, 0.8518,
1.8899

132.8134,
153.0957, 191.5529

■ 0.0000, 0.0000,
0.4863

165.9669,

■ 0.0000, 0.0000,

190.0829, 235.5901

0.0000

204.2239,
232.5937, 285.9069

■ 20.6062, 25.6404,
35.7613

■ 20.6062, 25.6404,
35.7613

■ 18.9832, 24.3384,
35.5960

■ 22.5551, 27.1198,
35.9446

■ 17.6628, 23.2000,
35.4458

■ 24.8466, 28.7834,
36.1449

■ 16.6224, 22.2140,
35.3104

■ 27.4990, 30.6414,
36.3637

■ 15.8352, 21.3667,
35.1883

■ 30.5286, 32.7021,
36.6018

■ 15.2681, 20.6408,
35.0781

■ 33.9508, 34.9736,
36.8599

■ 15.0058, 20.2741,
35.0211

■ 37.7800, 37.4633,
37.1386

■ 42.0300, 40.1783,
37.4387

■ 46.7138, 43.1255,
37.7607

■ 51.8439, 46.3113,
38.1052

Harmonies

Analogous

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



19.9645, 25.6404, 28.4675



20.6062, 25.6404, 35.7613



22.2493, 25.6404, 41.6340

Triad

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



20.6062, 25.6404, 35.7613



28.7797, 25.6404, 34.6577



24.1803, 25.6404, 16.5013

Complementary

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



20.6062, 25.6404, 35.7613



19.8082, 16.2224, 11.1047

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.



26.6223, 25.6404, 17.6033



20.6062, 25.6404, 35.7613



29.3811, 25.6404, 27.3757

Square

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



20.6062, 25.6404, 35.7613



26.9740, 25.6404, 40.9255



28.5672, 25.6404, 21.3146



21.9400, 25.6404, 18.0078

Rectangle

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



20.6062, 25.6404, 35.7613



23.7471, 25.6404, 43.5169



28.5672, 25.6404, 21.3146



25.0046, 25.6404, 16.5787

Sweetspot

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



20.6070, 25.6414, 35.7619



49.9315, 55.3460, 65.1779



18.0612, 26.9700, 15.1207



10.7544, 12.0182, 14.3233



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.6070, 25.6414, 35.7619



33.8774, 43.4880, 63.7352



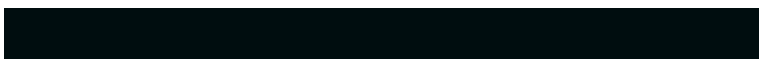
16.0154, 16.4583, 34.2314



6.7491, 7.3639, 8.4723



12.2061, 16.5037, 28.4494



0.2366, 0.3318, 0.5148

Inverse Universe

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



22.6588, 16.1233, 29.9359



38.1670, 24.5250, 51.3451



23.6303, 23.8665, 12.3787



6.8674, 6.7399, 8.1531



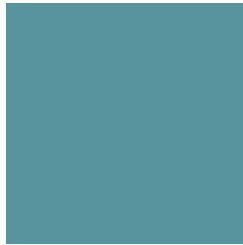
14.9593, 7.2883, 19.8343



0.2767, 0.1340, 0.4034

Previews

White Background



This preview shows how the XYZ color 20.6062, 25.6404, 35.7613 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 20.6062, 25.6404, 35.7613 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 20.6062, 25.6404, 35.7613

Background



This preview shows how black text looks on a background with the XYZ color 20.6062, 25.6404, 35.7613.

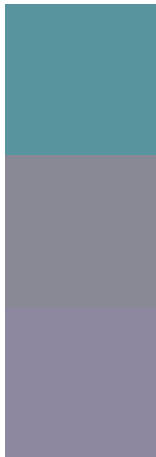


This preview shows how white text looks on a background with the XYZ color 20.6062, 25.6404,

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

20.6062, 25.6404, 35.7613

Protanopia

24.7672, 25.4117, 32.4537

Deuteranopia

25.9936, 25.5287, 36.8152



Tritanopia

20.9596, 25.7926, 37.1315

Trichromacy



Original Color

20.6062, 25.6404, 35.7613

Protanomaly

22.8824, 25.2716, 33.8089

Deuteranomaly

23.5212, 25.3243, 36.4493

Tritanomaly

20.8724, 25.7577, 36.6725

Monochromacy



Original Color

20.6062, 25.6404, 35.7613

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7495, 23.4296, 28.2397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6062, 25.6404, 35.7613 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(87, 148, 157)` looks like.

```
.text, #text, p{  
  color:rgb(87, 148, 157)  
}
```

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(87, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 148, 157) }
```

Border

The CSS property to change the border of an element to XYZ 20.6062, 25.6404, 35.7613 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(87, 148, 157) }
```


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

```
.border{ border-color:rgb(87, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(87, 148,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6062, 25.6404, 35.7613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 148, 157) }
```

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

```
.background{ background-color: rgb(87, 148,  
157) }
```

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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