

Converting Colors

XYZ(21.1142, 26.4282, 39.7169)

Have a look what the booklet for
XYZ(21.1142, 26.4282, 39.7169)
contains.

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Color

**XYZ(21.1664, 26.5553,
39.6074)**

Conversions

Conversions Part 1

Format	Color
Hex	5097A5
RGB	80, 151, 165
RGB Percent	31%, 59%, 65%
CMY	0.6863, 0.4078, 0.3529
CMYK	0.52, 0.08, 0.00, 0.35
HSL	190°, 35%, 48%
HSV	190°, 52%, 65%
XYZ	21.1664, 26.5553, 39.6074
YIQ	131.3670, -46.8100, -10.6980

Conversions

Conversions Part 2

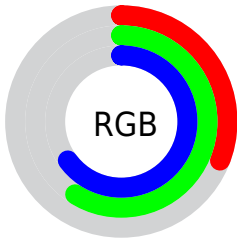
Format	Color
R _Y B	80, 119, 165
Decimal	5281701
CIE Lab	58.56, -18.31, -14.22
CIE LCh	59, 23.184, 217.823
Yxy	26.5553, 0.2424, 0.3041
Android (android.graphics.Color)	4283471781 (0xFF5097A5)
YUV	131.3670, 16.5811, -45.0489
Hunter-Lab	51.5318, -16.8629, -9.4980

Details

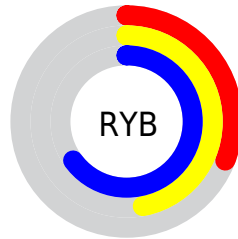
The XYZ color **21.1664, 26.5553, 39.6074** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9683, 16.5845, 9.6862**, and the grayscale version is **21.6599, 22.7879, 24.8160**.

A 20% lighter version of the original color is **44.7413, 53.9808, 75.7714**, and **7.7515, 10.4168, 17.2249** is the 20% darker color. If you saturate the color by 10%, you get **19.5085, 25.0594, 39.4065**, and if you desaturate by 10%, it is **23.1781, 28.2497, 39.8289**.

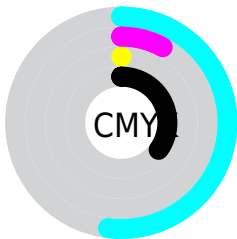
Distribution



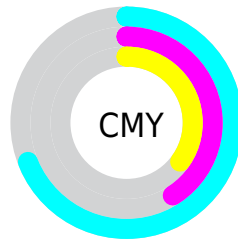
- Red (31%)
- Green (59%)
- Blue (65%)



- Red (31%)
- Yellow (47%)
- Blue (65%)



- Cyan (52%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1664, 26.5553, 39.6074 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 21.1664, 26.5553, 39.6074 by changing the saturation by 10% instead.

■ 21.1664, 26.5553,
39.6074

■ 21.1664, 26.5553,
39.6074

250.8765,
285.4975, 359.9688

■ 13.3588, 17.2395,
26.9211

■ 44.8535, 54.1694,
75.7958

■ 7.7548, 10.4054,
17.2821

■ 61.4637, 73.2366,
100.1351

■ 3.9889, 5.6686,
10.2717

■ 81.7389, 96.3230,
129.1957

■ 1.6959, 2.6446,
5.4715

■ 106.0444,
123.8130, 163.3963

■ 0.4537, 0.9491,
2.4630

■ 134.7456,
156.0911, 203.1553

■ 0.0000, 0.0000,
0.8204

168.2077,

■ 0.0000, 0.0000,

193.5416, 248.8914

0.0000

206.7963,
236.5489, 301.0231

■ 21.1664, 26.5553,
39.6074

■ 21.1664, 26.5553,
39.6074

■ 19.5085, 25.0594,
39.4065

■ 23.1781, 28.2497,
39.8289

■ 18.1764, 23.7458,
39.2232

■ 25.5642, 30.1516,
40.0703

■ 17.1418, 22.6002,
39.0566

■ 28.3465, 32.2729,
40.3331

■ 16.3703, 21.6050,
38.9052

■ 31.5443, 34.6237,
40.6183

■ 15.8552, 20.8438,
38.7854

■ 35.1759, 37.2135,
40.9267

■ 39.2581, 40.0510,
41.2593

■ 43.8073, 43.1448,
41.6167

■ 48.8385, 46.5028,
41.9996

■ 54.3665, 50.1325,
42.4089

Harmonies

Analogous

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



20.2060, 26.5553, 31.0961



21.1664, 26.5553, 39.6074



23.2337, 26.5553, 45.9548

Triad

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



21.1664, 26.5553, 39.6074



30.6437, 26.5553, 35.2305



24.5038, 26.5553, 16.0201

Complementary

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



21.1664, 26.5553, 39.6074



20.9683, 16.5845, 9.6862

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.



27.3586, 26.5553, 16.7123



21.1664, 26.5553, 39.6074



31.0476, 26.5553, 26.8368

Square

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



21.1664, 26.5553, 39.6074



28.7400, 26.5553, 43.1155



29.8054, 26.5553, 20.3429



22.0364, 26.5553, 18.2337

Rectangle

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



21.1664, 26.5553, 39.6074



25.0331, 26.5553, 47.5333



29.8054, 26.5553, 20.3429



25.4481, 26.5553, 15.9296

Sweetspot

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



21.1672, 26.5563, 39.6080



54.2491, 60.3749, 72.5466



18.7288, 29.4022, 14.9868



11.6096, 13.0152, 15.8378



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.



21.1672, 26.5563, 39.6080



34.5123, 44.4756, 70.5180



15.6495, 15.5209, 37.7688



7.1764, 7.8117, 9.0327



12.0254, 15.8302, 29.3515



0.2775, 0.3823, 0.6250

Inverse Universe

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



23.9723, 15.9718, 31.0986



40.3127, 24.0905, 52.5851



25.6645, 25.9770, 11.2516



7.3140, 7.1821, 8.6399



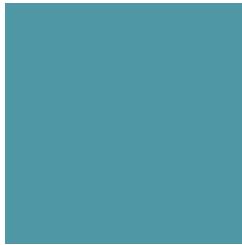
15.2153, 7.4422, 18.8564



0.3322, 0.1614, 0.4622

Previews

White Background



This preview shows how the XYZ color 21.1664, 26.5553, 39.6074 looks on a white background.

Color Contrast Check

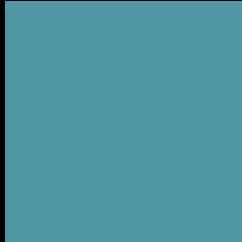
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1664, 26.5553, 39.6074 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 21.1664, 26.5553, 39.6074

Background



This preview shows how black text looks on a background with the XYZ color 21.1664, 26.5553, 39.6074.



This preview shows how white text looks on a background with the XYZ color 21.1664, 26.5553,

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

21.1664, 26.5553, 39.6074

Protanopia

25.7997, 26.3028, 35.6155

Deuteranopia

26.8288, 26.2939, 40.7070



Tritanopia

20.9019, 26.4398, 38.6521

Trichromacy



Original Color

21.1664, 26.5553, 39.6074

Protanomaly

23.5037, 25.9649, 37.0307

Deuteranomaly

24.1193, 25.9876, 40.3041

Tritanomaly

20.9919, 26.4758, 39.1259

Monochromacy



Original Color

21.1664, 26.5553, 39.6074

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7285, 23.6049, 29.4503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1664, 26.5553, 39.6074 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(80, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(80, 151, 165)  
}
```

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(80, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 151, 165) }
```

Border

The CSS property to change the border of an element to XYZ 21.1664, 26.5553, 39.6074 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(80, 151, 165) }
```


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

```
.border{ border-color:rgb(80, 151, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 151, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 151, 165);  
box-shadow:4px 4px 4px 4px rgb(80, 151,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1664, 26.5553, 39.6074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 151, 165) }
```

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

```
.background{ background-color: rgb(80, 151,  
165) }
```

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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