

Converting Colors

XYZ(20.8058, 26.1522, 31.4052)

Have a look what the booklet for
XYZ(20.8058, 26.1522, 31.4052)
contains.

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Color

**XYZ(20.7332, 26.0344,
31.5361)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9593
RGB	95, 149, 147
RGB Percent	37%, 58%, 58%
CMY	0.6274, 0.4157, 0.4235
CMYK	0.36, 0.00, 0.01, 0.42
HSL	178°, 22%, 48%
HSV	178°, 36%, 58%
XYZ	20.7332, 26.0344, 31.5361
YIQ	132.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

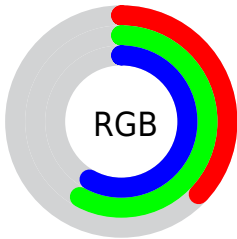
Format	Color
R _Y B	95, 123, 149
Decimal	6264211
CIE Lab	58.07, -18.28, -4.62
CIE LCh	58, 18.855, 194.183
Yxy	26.0344, 0.2648, 0.3325
Android (android.graphics.Color)	4284454291 (0xFF5F9593)
YUV	132.6260, 7.0864, -32.9980
Hunter-Lab	51.0239, -16.7597, -0.9283

Details

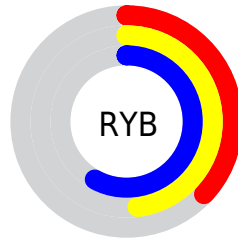
The XYZ color **20.7332, 26.0344, 31.5361** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6452, 15.4377, 13.3073**, and the grayscale version is **22.1424, 23.2955, 25.3688**.

A 20% lighter version of the original color is **44.1113, 53.2248, 63.2068**, and **7.5641, 10.1339, 12.8666** is the 20% darker color. If you saturate the color by 10%, you get **19.2880, 25.2950, 31.2433**, and if you desaturate by 10%, it is **22.4762, 26.9286, 31.8451**.

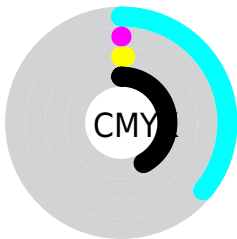
Distribution



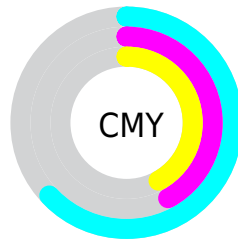
- Red (37%)
- Green (58%)
- Blue (58%)



- Red (37%)
- Yellow (48%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7332, 26.0344, 31.5361 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 20.7332, 26.0344, 31.5361 by changing the saturation by 10% instead.

■ 20.7332, 26.0344,
31.5361

■ 20.7332, 26.0344,
31.5361

248.6158,
282.9509, 323.4279

■ 13.0405, 16.8494,
20.7455

■ 44.1377, 53.3304,
63.1726

■ 7.5336, 10.1272,
12.7487

■ 60.5802, 72.2102,
84.8555

■ 3.8473, 5.4833,
7.1270

■ 80.6700, 95.0904,
111.0064

■ 1.6161, 2.5336,
3.4620

■ 104.7724,
122.3554, 142.0437

■ 0.4029, 0.8934,
1.3351

133.2529,
154.3895, 178.3860

■ 0.0000, 0.0000,
0.0903

166.4767,

■ 0.0000, 0.0000,

191.5772, 220.4517

0.0000

204.8092,
234.3029, 268.6595

■ 20.7332, 26.0344,
31.5361

■ 20.7332, 26.0344,
31.5361

■ 19.2880, 25.2950,
31.2433

■ 22.4762, 26.9286,
31.8451

■ 18.1215, 24.6986,
30.9640

■ 24.5302, 27.9824,
32.1691

■ 17.2156, 24.2366,
30.6980

■ 26.9107, 29.2045,
32.5096

■ 16.5495, 23.8981,
30.4443

■ 29.6311, 30.6018,
32.8670

■ 16.0990, 23.6708,
30.2018

■ 32.7043, 32.1810,
33.2420

■ 15.8281, 23.5360,
29.9688

■ 36.1424, 33.9483,
33.6352

■ 15.7422, 23.4935,
29.8822

■ 39.9570, 35.9096,
34.0472

■ 44.1592, 38.0708,
34.4783

■ 48.7596, 40.4371,
34.9292

Harmonies

Analogous

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



20.7620, 26.0344, 25.0607



20.7332, 26.0344, 31.5361



21.7323, 26.0344, 38.0291

Triad

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



20.7332, 26.0344, 31.5361



27.9279, 26.0344, 38.3378



25.9592, 26.0344, 17.9015

Complementary

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



20.7332, 26.0344, 31.5361



18.6452, 15.4377, 13.3073

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.



28.0238, 26.0344, 20.4659



20.7332, 26.0344, 31.5361



29.2072, 26.0344, 31.9088

Square

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



20.7332, 26.0344, 31.5361



25.8347, 26.0344, 42.3456



29.2434, 26.0344, 25.3806



23.6862, 26.0344, 17.8334

Rectangle

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



20.7332, 26.0344, 31.5361



22.8844, 26.0344, 41.2183



29.2434, 26.0344, 25.3806



26.7037, 26.0344, 18.4802

Sweetspot

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



20.7340, 26.0354, 31.5367



45.9933, 51.1706, 57.9105



17.8185, 24.9022, 14.6944



10.0801, 11.2823, 12.8176



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.



20.7340, 26.0354, 31.5367



35.1080, 45.5884, 56.0724



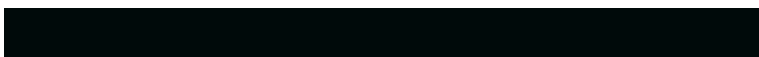
17.4406, 19.1950, 31.2208



5.9549, 6.5586, 7.3735



13.2512, 19.7733, 25.1621



0.1645, 0.2429, 0.3203

Inverse Universe

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



18.6452, 15.4377, 13.3073



30.8352, 23.9004, 18.7753



21.0935, 20.4818, 13.6686



5.8090, 5.8187, 6.1003



10.4596, 5.3889, 0.6355



0.1297, 0.0666, 0.0169

Previews

White Background



This preview shows how the XYZ color 20.7332, 26.0344, 31.5361 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 20.7332, 26.0344, 31.5361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

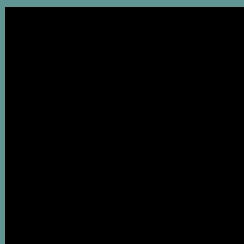
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

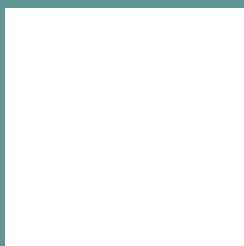
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7332, 26.0344, 31.5361

Background



This preview shows how black text looks on a background with the XYZ color 20.7332, 26.0344, 31.5361.

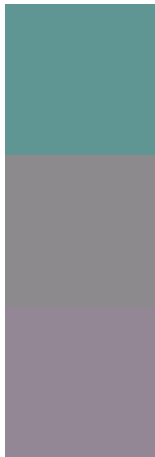


This preview shows how white text looks on a background with the XYZ color 20.7332, 26.0344,

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

20.7332, 26.0344, 31.5361

Protanopia

24.8807, 25.7628, 28.8607

Deuteranopia

26.2016, 25.7330, 32.4402



Tritanopia

21.7287, 25.9673, 36.6679

Trichromacy



Original Color

20.7332, 26.0344, 31.5361

Protanomaly

22.9431, 25.6143, 29.7214

Deuteranomaly

23.7050, 25.5153, 32.1093

Tritanomaly

21.4361, 26.0878, 34.9160

Monochromacy



Original Color

20.7332, 26.0344, 31.5361

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.4278, 24.2222, 27.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7332, 26.0344, 31.5361 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(95, 149, 147)` looks like.

```
.text, #text, p{  
    color:rgb(95, 149, 147)  
}
```

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(95, 149, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 149, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.7332, 26.0344, 31.5361 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(95, 149, 147) }
```


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

```
.border{ border-color:rgb(95, 149, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 149, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 149, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 149, 147);  
box-shadow:4px 4px 4px 4px rgb(95, 149,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7332, 26.0344, 31.5361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 149, 147) }
```

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

```
.background{ background-color: rgb(95, 149,  
147) }
```

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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