

Converting Colors

XYZ(20.5207, 26.7089, 31.1276)

Have a look what the booklet for
XYZ(20.5207, 26.7089, 31.1276)
contains.

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Color

**XYZ(20.5364, 26.6556,
31.2568)**

Conversions

Conversions Part 1

Format	Color
Hex	599892
RGB	89, 152, 146
RGB Percent	35%, 60%, 57%
CMY	0.6510, 0.4039, 0.4274
CMYK	0.41, 0.00, 0.04, 0.40
HSL	174°, 26%, 47%
HSV	174°, 41%, 60%
XYZ	20.5364, 26.6556, 31.2568
YIQ	132.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

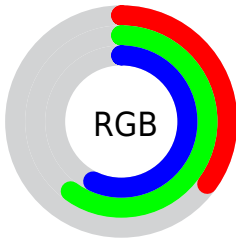
Format	Color
R_{YB}	89, 122, 152
Decimal	5871762
CIE _{Lab}	58.65, -21.75, -3.22
CIE _{LCh}	59, 21.992, 188.420
Yxy	26.6556, 0.2618, 0.3398
Android (android.graphics.Color)	4284061842 (0xFF599892)
YUV	132.4790, 6.6659, -38.1311
Hunter-Lab	51.6291, -19.3492, 0.2455

Details

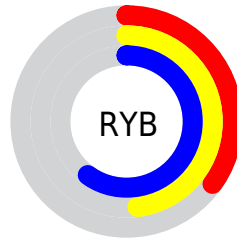
The XYZ color **20.5364, 26.6556, 31.2568** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5878, 14.6472, 12.6751**, and the grayscale version is **22.0917, 23.2422, 25.3108**.

A 20% lighter version of the original color is **43.8935, 54.5466, 62.8587**, and **7.4926, 10.5270, 12.7033** is the 20% darker color. If you saturate the color by 10%, you get **19.1140, 25.9359, 30.6065**, and if you desaturate by 10%, it is **22.2630, 27.5333, 31.9300**.

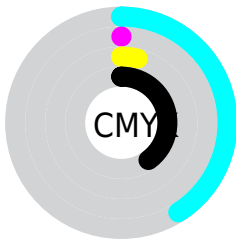
Distribution



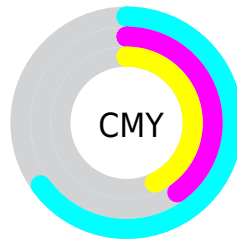
- Red (35%)
- Green (60%)
- Blue (57%)



- Red (35%)
- Yellow (48%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5364, 26.6556, 31.2568 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 20.5364, 26.6556, 31.2568 by changing the saturation by 10% instead.

■ 20.5364, 26.6556,
31.2568

■ 20.5364, 26.6556,
31.2568

247.5830,
285.9857, 322.1074

■ 12.8961, 17.3147,
20.5344

■ 43.8118, 54.3307,
62.7285

■ 7.4335, 10.4591,
12.5962

■ 60.1776, 73.4338,
84.3148

■ 3.7834, 5.7044,
7.0236

■ 80.1826, 96.5597,
110.3595

■ 1.5803, 2.6662,
3.3982

■ 104.1921,
124.0928, 141.2811

■ 0.3795, 0.9601,
1.3014

132.5716,
156.4176, 177.4981

■ 0.0000, 0.0000,
0.0629

165.6863,

■ 0.0000, 0.0000,

193.9184, 219.4292

0.0000

203.9016,
236.9796, 267.4927

■ 20.5364, 26.6556,
31.2568

■ 20.5364, 26.6556,
31.2568

■ 19.1140, 25.9359,
30.6065

■ 22.2630, 27.5333,
31.9300

■ 17.9747, 25.3614,
29.9762

■ 24.3085, 28.5745,
32.6250

■ 17.0986, 24.9223,
29.3657

■ 26.6896, 29.7885,
33.3432

■ 16.4622, 24.6067,
28.7738

■ 29.4209, 31.1830,
34.0853

■ 16.0374, 24.4000,
28.1991

■ 32.5163, 32.7650,
34.8520

■ 15.7816, 24.2785,
27.7184

■ 35.9891, 34.5413,
35.6439

■ 39.8515, 36.5184,
36.4617

■ 44.1155, 38.7023,
37.3060

■ 48.7926, 41.0990,
38.1772

Harmonies

Analogous

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



20.8054, 26.6556, 23.8885



20.5364, 26.6556, 31.2568



21.4796, 26.6556, 39.2845

Triad

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



20.5364, 26.6556, 31.2568



28.7024, 26.6556, 42.3088



27.2943, 26.6556, 17.2710

Complementary

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



20.5364, 26.6556, 31.2568



18.5878, 14.6472, 12.6751

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.



29.6269, 26.6556, 20.7255



20.5364, 26.6556, 31.2568



30.4792, 26.6556, 34.8461

Square

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



20.5364, 26.6556, 31.2568



26.1036, 26.6556, 46.3672



30.8291, 26.6556, 26.8990



24.5823, 26.6556, 16.6543

Rectangle

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



20.5364, 26.6556, 31.2568



22.7113, 26.6556, 43.6313



30.8291, 26.6556, 26.8990



28.1542, 26.6556, 18.1050

Sweetspot

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



20.5372, 26.6567, 31.2574



46.7552, 52.3978, 58.7506



17.7828, 25.6278, 13.4613



10.5094, 11.8494, 13.3192



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.5372, 26.6567, 31.2574



33.8443, 45.8321, 54.0751



17.3518, 19.5189, 32.5598



6.3592, 7.0164, 7.8150



13.2382, 20.3587, 23.2729



0.2043, 0.3069, 0.3816

Inverse Universe

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



18.5878, 14.6472, 12.6751



29.9219, 21.6236, 16.6525



20.7929, 19.4774, 12.1155



6.2315, 6.2318, 6.5993



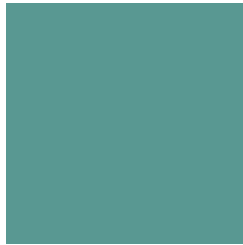
10.9324, 5.6272, 0.9030



0.1690, 0.0863, 0.0426

Previews

White Background



This preview shows how the XYZ color 20.5364, 26.6556, 31.2568 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 20.5364, 26.6556, 31.2568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

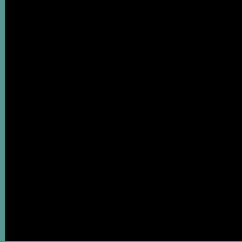
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

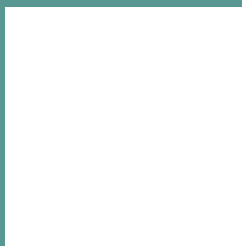
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5364, 26.6556, 31.2568

Background



This preview shows how black text looks on a background with the XYZ color 20.5364, 26.6556, 31.2568.



This preview shows how white text looks on a background with the XYZ color 20.5364, 26.6556,

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

20.5364, 26.6556, 31.2568

Protanopia

25.3660, 26.4599, 28.1964

Deuteranopia

26.8067, 26.2623, 32.0900



Tritanopia

21.9421, 26.7485, 38.1889

Trichromacy



Original Color

20.5364, 26.6556, 31.2568

Protanomaly

23.0241, 26.1105, 29.4175

Deuteranomaly

23.9204, 26.0733, 31.7889

Tritanomaly

21.4810, 26.8088, 35.4949

Monochromacy



Original Color

20.5364, 26.6556, 31.2568

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.9504, 23.9844, 27.1922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5364, 26.6556, 31.2568 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(89, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(89, 152, 146)  
}
```

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(89, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 152, 146) }
```

Border

The CSS property to change the border of an element to XYZ 20.5364, 26.6556, 31.2568 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(89, 152, 146) }
```


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

```
.border{ border-color:rgb(89, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(89, 152,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5364, 26.6556, 31.2568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 152, 146) }
```

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

```
.background{ background-color: rgb(89, 152,  
146) }
```

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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